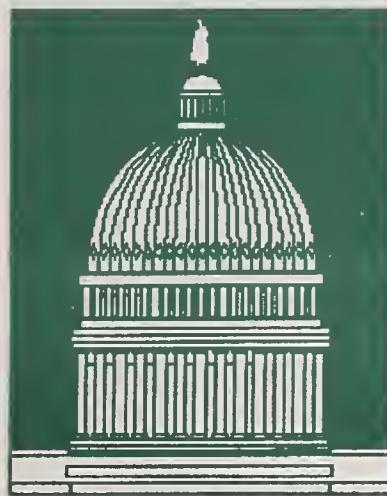


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NIST Special Publication 881-43



Federal Implementation Guideline for Electronic Data Interchange

**ASC X12 003050 Transaction Set 850
Purchase Order (Revision 1)**

Implementation Convention

NIST

**U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
Standards and Technology**

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¹At Boulder, CO 80303.

²Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
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850 Purchase Order

Functional Group ID=PO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Notes:

1. The term "award instrument" used in this convention includes, but is not limited to, the following terms: Agreement, Blanket Purchase Agreement, Contract, Basic Agreement, Basic Ordering Agreement, Grant, Indefinite Delivery Indefinite Quantity, Purchase Order, Indefinite Delivery Definite Quantity, Requirements, Letter Contract, Task Order, Lease, Release, Call, and Delivery Order.

2. This transaction set is used to issue an original award instrument. If buyer initiated changes need to be made to a procurement instrument, use the Purchase Order Change Request - Buyer Initiated, 860 transaction set. Seller requested changes are initiated using the Purchasing Order Change Acknowledgment/Request - Seller Initiated, 865 transaction set.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BEG	Beginning Segment for Purchase Order	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
	110	CSH	Header Sale Condition	O	5		
			LOOP ID - SAC			25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	S1	Service Characteristic Identification	O	2		
	190	PID	Product/Item Description	O	200		

850 Purchase Order

200	MEA	Measurements	O	40
210	PWK	Paperwork	O	25
220	PKG	Marking, Packaging, Loading	O	200
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O 2
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O 12
Not Used	250	TD3	Carrier Details (Equipment)	O 12
	260	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O 5
	270	MAN	Marks and Numbers	O 10
Not Used	280	CTB	Restrictions/ Conditions	O 5
	285	TXI	Tax Information	O >1
LOOP ID - AMT				>1
287	AMT	Monetary Amount	O	1
288	AT	Financial Accounting	O	1
289	REF	Reference Numbers	O	>1
LOOP ID - N9				1000
290	N9	Reference Number	O	1
300	MSG	Message Text	O	1000
LOOP ID - N1				200
310	N1	Name	O	1
320	N2	Additional Name Information	O	2
330	N3	Address Information	O	2
340	N4	Geographic Location	O	>1
Not Used	345	NX2	Real Estate Property ID Component	O 3
	350	REF	Reference Numbers	O 12
360	PER	Administrative Communications Contact	O	>1
370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O 2
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O 12
Not Used	400	TD3	Carrier Details (Equipment)	O 12
	410	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O 5
	420	PKG	Marking, Packaging, Loading	O 200
LOOP ID - LM				>1
Must Use	430	LM	Code Source Information	O 1
	440	LQ	Industry Code	M >1
LOOP ID - SPI				>1
450	SPI	Specification Identifier	O	1
460	REF	Reference Numbers	O	5
470	DTM	Date/Time Reference	O	5
480	MSG	Message Text	O	50
LOOP ID - N1				20
490	N1	Name	O	1
500	N2	Additional Name Information	O	2
510	N3	Address Information	O	2
520	N4	Geographic Location	O	1
Not Used	530	REF	Reference Numbers	O 20
	540	G61	Contact	O 1
	550	MSG	Message Text	O 50

LOOP ID - CBI				>1
560	CB1	Contract and Cost Accounting Standards Data	O	1
570	REF	Reference Numbers	O	20
580	DTM	Date/Time Reference	O	5
590	LDT	Lead Time	O	1
600	MSG	Message Text	O	50

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - POI						100000
Must Use	010	PO1	Baseline Item Data	M	1	n2
Not Used	018	SI	Service Characteristic Identification	O	5	
Not Used	020	CUR	Currency	O	1	
	025	CN1	Contract Information	O	1	
	030	PO3	Additional Item Detail	O	25	
	040	CTP	Pricing Information	O	>1	
Not Used	045	PAM	Period Amount	O	10	
	049	MEA	Measurements	O	40	
LOOP ID - PID						1000
	050	PID	Product/Item Description	O	1	
Not Used	060	MEA	Measurements	O	10	
	070	PWK	Paperwork	O	25	
	090	PO4	Item Physical Details	O	>1	
	100	REF	Reference Numbers	O	>1	
	110	PER	Administrative Communications Contact	O	3	
LOOP ID - SAC						25
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	135	CUR	Currency	O	1	
	140	IT8	Conditions of Sale	O	1	
	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
	160	DIS	Discount Detail	O	20	
Not Used	165	INC	Installment Information	O	1	
Not Used	170	TAX	Tax Reference	O	>1	
	180	FOB	F.O.B. Related Instructions	O	>1	
	190	SDQ	Destination Quantity	O	500	
Not Used	200	IT3	Additional Item Data	O	5	
	210	DTM	Date/Time Reference	O	10	
Not Used	235	TC2	Commodity	O	2	
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1	
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
	270	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
	280	MAN	Marks and Numbers	O	10	
	289	MSG	Message Text	O	>1	
	291	SPI	Specification Identifier	O	>1	
	292	TXI	Tax Information	O	>1	
LOOP ID - SCH						200

850 Purchase Order

	295	SCH	Line Item Schedule	O	1	n3
Not Used	296	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	298	TD3	Carrier Details (Equipment)	O	12	
Not Used	299	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
			LOOP ID - PKG		200	
	300	PKG	Marking, Packaging, Loading	O	1	
Not Used	310	MEA	Measurements	O	>1	
	320	LS	Loop Header	O	1	
			LOOP ID - LDT			>1
	321	LDT	Lead Time	O	1	
	322	QTY	Quantity	O	>1	
	323	MSG	Message Text	O	1	
	324	REF	Reference Numbers	O	3	
			LOOP ID - LM			>1
	325	LM	Code Source Information	O	1	
Must Use	326	LQ	Industry Code	M	>1	
	327	LE	Loop Trailer	O	1	
			LOOP ID - N9		1000	
	330	N9	Reference Number	O	1	
Not Used	335	MEA	Measurements	O	40	
	340	MSG	Message Text	O	1000	
			LOOP ID - N1		200	
	350	NI	Name	O	1	
	360	N2	Additional Name Information	O	2	
	370	N3	Address Information	O	2	
	380	N4	Geographic Location	O	1	
Not Used	385	NX2	Real Estate Property ID Component	O	3	
	390	REF	Reference Numbers	O	12	
	400	PER	Administrative Communications Contact	O	3	
Not Used	410	FOB	F.O.B. Related Instructions	O	1	
	415	SCH	Line Item Schedule	O	200	
Not Used	420	TD1	Carrier Details (Quantity and Weight)	O	2	
	430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	440	TD3	Carrier Details (Equipment)	O	12	
	450	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
	460	PKG	Marking, Packaging, Loading	O	200	
			LOOP ID - LDT			>1
	462	LDT	Lead Time	O	1	
	464	MAN	Marks and Numbers	O	10	
	466	QTY	Quantity	O	5	
	468	MSG	Message Text	O	1	
	469	REF	Reference Numbers	O	3	
			LOOP ID - SLN		1000	
Not Used	470	SLN	Subline Item Detail	O	1	
Not Used	480	S1	Service Characteristic Identification	O	5	
Not Used	490	PID	Product/Item Description	O	1000	

850 Purchase Order

Not Used	500	PO3	Additional Item Detail	O	104
Not Used	505	TC2	Commodity	O	2
LOOP ID - SAC					
Not Used	510	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	515	CUR	Currency	O	1
Not Used	520	DTM	Date/Time Reference	O	10
Not Used	522	CTP	Pricing Information	O	25
Not Used	523	PAM	Period Amount	O	10
Not Used	524	PO4	Item Physical Details	O	1
Not Used	527	TAX	Tax Reference	O	3
LOOP ID - NI					
Not Used	530	N1	Name	O	1
Not Used	540	N2	Additional Name Information	O	2
Not Used	550	N3	Address Information	O	2
Not Used	560	N4	Geographic Location	O	1
Not Used	570	NX2	Real Estate Property ID Component	O	3
Not Used	580	REF	Reference Numbers	O	12
Not Used	590	PER	Administrative Communications Contact	O	3
LOOP ID - AMT					
	600	AMT	Monetary Amount	O	1
	610	REF	Reference Numbers	O	1
LOOP ID - LM					
	620	LM	Code Source Information	O	1
Must Use	630	LQ	Industry Code	M	>1

Summary:

	<u>Pos.</u>	<u>Seg.</u>	<u>ID</u>	<u>Name</u>	<u>Req.</u>	<u>Des.</u>	<u>Max.Use</u>	<u>Loop</u>	<u>Repeat</u>	<u>Notes and</u>	<u>Comments</u>
Must Use	010		CTT	Transaction Totals		M	1			n4	
	020		AMT	Monetary Amount		O	1			n5	
Must Use	030		SE	Transaction Set Trailer		M	1				

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment:	ST Transaction Set Header		
Position:	010		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).		
Comments:			
Notes:			

Data Element Summary			
	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>
Must Use	ST01	143	Transaction Set Identifier Code M ID 3/3 Code uniquely identifying a Transaction Set
		850	X12.1 Purchase Order
Must Use	ST02	329	Transaction Set Control Number M AN 4/9 Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This number is carried in SE02.</i>

Segment:	BEG Beginning Segment for Purchase Order
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Syntax Notes:	
Semantic Notes:	1 BEG05 is the date assigned by the purchaser to purchase order.
Comments:	

Data Element Summary					
Ref.	Data Element	Name	Attributes		
Must Use	Des.	353	Transaction Set Purpose Code	M	ID 2/2
			Code identifying purpose of transaction set		
			<i>Use to identify the purpose of the transaction set.</i>		
Must Use	BEG01	00	Original	<i>Use to indicate an original award instrument. When this code is used, changes to the award instrument can be only made with a Purchase Order Change Request - Buyer Initiated, 860 transaction set.</i>	
		07	Duplicate	<i>Use to indicate a re-transmission of an original 850 transaction set.</i>	
		22	Information Copy	<i>Use to indicate an information copy of an original award instrument. This information copy is sent to addressees other than the selling party.</i>	
		24	Draft	<i>Use to indicate a draft award instrument (850 transaction set) is being sent to the selling party.</i>	
		92	Purchase Order Type Code	M ID 2/2	
			Code specifying the type of Purchase Order		
			<i>Use to identify the type of award instrument represented by this transaction set.</i>		
Must Use	BEG02	BL	Bailment		
		KA	Agreement	<i>Use to indicate cooperative agreements and other agreements.</i>	
		KB	Blanket Purchase Agreement		
			A charge account established with qualified sources of supply to satisfy repetitive requirements		
		KC	Contract		
			A legally binding document wherein one party agrees to provide supplies or services and another party agrees to provide compensation for the supplies or services		
		KD	Basic Agreement		
			A written instrument of understanding that contemplates separate future contracts		

KE Basic Ordering Agreement

A document which contains terms and conditions, a description of supplies or services to be provided and methods of pricing, issuing, and delivering orders under this agreement

KG Grant

KI Indefinite Delivery Indefinite Quantity

A contract that provides for a minimum quantity and an indefinite maximum quantity within stated limits

KN Purchase Order

Procurement instrument within the small purchasing threshold

KQ Indefinite Delivery Definite Quantity

A contract that provides for delivery of a specified quantity over a fixed period of time to unspecified locations

KR Requirements

A contract to provide all specified requirements of designated organizations for a fixed period of time

KS Letter Contract

KT Task Order

LS Lease

Use to indicate a lease agreement as the type of award instrument. When an equipment rental is awarded pursuant to another type of instrument (purchase order, delivery order, contract, etc.), use the appropriate listed code in this data element and use code ER in BEG10.

RL Release or Delivery Order

An order for goods and services placed against a pre-existing contract or blanket order

Use to indicate a release, call or delivery order against existing contracts.

Must Use BEG03 324 Purchase Order Number M AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser

Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration (GSA) Schedules and all other basic contracts), Blanket Purchase Agreement (BPA) number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number (PIIN) for the Department of Defense (DOD) or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in BEG04. This number shall be transmitted without dashes.

BEG04 328 Release Number O AN 1/30

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number (SPIIN) for DOD or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes.

Must Use BEG05 373 Date M DT 6/6

Date (YYMMDD)

			<p>1. Enter the effective date of the award instrument. If both BEG03 and BEG04 contain a number, enter the date of the delivery order, call or release identified in BEG04. If BEG04 does not contain a number, enter the date of the award instrument identified in BEG03.</p> <p>2. If the signature date is different from the effective date, the signature date may be specified in 1/DTM/150, citing code 467 in DTM01.</p>	
BEG06	367	Contract Number	Contract number	O AN 1/30
			<i>Use to identify the Small Business Administration (SBA) contract number for an 8a set-aside. The SBA office issuing this contract is cited in the 1/N1/310 segment by use of code C9 in N101.</i>	
BEG07	587	Acknowledgment Type	Code specifying the type of acknowledgment	O ID 2/2
			<i>Acknowledgments are made using the Purchase Order Acknowledgment, 855 transaction set.</i>	
		AC	Acknowledge - With Detail and Change	
			<i>Use to indicate acknowledgment of this 850 transaction set is required using the available segments in the 855 transaction set and re-transmitting the same data in corresponding segments in the 850 transaction set. Changes are permitted.</i>	
		AD	Acknowledge - With Detail, No Change	
			<i>Use to indicate acknowledgment of this 850 transaction set is required using the available segments in the 855 transaction set and re-transmitting the same data in corresponding segments in the 850 transaction set without change.</i>	
		AK	Acknowledge - No Detail or Change	
			<i>Use to indicate acknowledgment of this 850 transaction set is required using only the mandatory segments in the 855 transaction set.</i>	
		AT	Accepted	
			<i>Use to indicate that acceptance or rejection of this 850 transaction set is required.</i>	
Not Used	BEG08	1019	Invoice Type Code	O ID 3/3
			Code defining the method by which invoices are to be processed	
	BEG09	1166	Contract Type Code	O ID 2/2
			Code identifying a contract type	
			<i>Use to identify the type of pricing arrangement applicable to the award instrument. If there are line items that have a different pricing arrangement, that pricing arrangement should be specified in the CN1 segment within the PO1 loop that is applicable to that line item. Both BEG09 and the 2/CN1/025 segment can be included in the transaction set if needed.</i>	
		CA	Cost Plus Incentive Fee (With Performance Incentives)	
		CB	Cost Plus Incentive Fee (Without Performance Incentives)	
		CH	Cost Sharing	
		CS	Cost	
		CW	Cost Plus Award Fee	
		CX	Cost Plus Fixed Fee	
		FB	Fixed Price Incentive Firm Target (With Performance Incentive)	
		FC	Fixed Price Incentive Firm Target (Without Performance Incentive)	
		FD	Fixed Price Redetermination	

		<i>Use to indicate a prospective fixed price redetermination award instrument.</i>	
	FF	Fixed Price Incentive Successive Target (With Performance Incentive)	
	FG	Fixed Price Incentive Successive Target (Without Performance Incentive)	
	FH	Fixed Price Award Fee	
	FJ	Fixed Price Level of Effort	
	FK	No Cost	
	FR	Firm Fixed Price	
	FX	Fixed Price with Economic Price Adjustment	
	LH	Labor Hours	
	TM	Time and Materials	
	ZZ	Mutually Defined	

BEG10	1232	Purchase Category	O ID 2/2
Code identifying the broad category of products or services being acquired			
<i>Use to identify the category of this award instrument.</i>			

AE	Architect and Engineering
CN	Construction
DR	Demolish, Dismantle or Replace
ER	Equipment Rental
IR	Inspect and Repair as Necessary
MD	Modification
OV	Overhaul
RD	Research and Development
<i>Use also includes traineeships and fellowships.</i>	
RE	Repair
SB	Shipbuilding
SP	Supplies
SU	Subsistence
SV	Services
TE	Test and Evaluation
UT	Utilities

BEG11	786	Security Level Code	O ID 2/2
Code indicating the level of confidentiality assigned by the sender to the information following			
<i>Use to identify the highest level of Government security classification applicable to the award instrument.</i>			

92	Government Confidential
93	Government Secret
94	Government Top Secret

Segment: CUR Currency
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Notes: 1. *Use only when the award instrument is issued in a foreign currency or when payment is to be made in a foreign currency.*

2. *When the award instrument is issued in a foreign currency, use also to identify the exchange rate between US dollars and the foreign currency. This information is for financial obligation purposes.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CUR01	98		Entity Identifier Code	M ID 2/2
			BY	Code identifying an organizational entity, a physical location, or an individual	
			PR	Buying Party (Purchaser) <i>Use to indicate the currency identified in CUR02 is the currency in which the award instrument is issued.</i>	
Must Use	CUR02	100		Currency Code	M ID 3/3
				Code (Standard ISO) for country in whose currency the charges are specified	
				<i>Use to identify the currency applicable to the code cited in CUR01.</i>	
	CUR03	280		Exchange Rate	O R 4/6
				Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
				<i>When CUR01 is code BY, use to identify the exchange rate between US dollars and the currency in which the award is issued. Use only for financial obligation purposes.</i>	
	CUR04	98		Entity Identifier Code	O ID 2/2
			PR	Code identifying an organizational entity, a physical location, or an individual	
			PR	Payer <i>Use to indicate the currency identified in CUR05 is the currency in which payment is authorized and will be made.</i>	

	CUR05	100	Currency Code	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
			<i>Use to identify the currency in which payment is authorized and will be made,</i>		
Not Used	CUR06	669	Currency Market/Exchange Code	O	ID 3/3
			Code identifying the market upon which the currency exchange rate is based		
Not Used	CUR07	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR08	373	Date	O	DT 6/6
			Date (YYMMDD)		
Not Used	CUR09	337	Time	O	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR10	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR11	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR12	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR13	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR14	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR15	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR16	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR17	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR18	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR19	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR20	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR21	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Segment:	REF Reference Numbers		
Position:	050		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify identifying numbers.		
Syntax Notes:	1 At least one of REF02 or REF03 is required.		
Semantic Notes:			
Comments:			
Notes:	<i>Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by line item, use the 2/REF/100 segment.</i>		

Data Element Summary			
Ref.	Data	Name	Attributes
Must Use	Des.	Element	
	REF01	128	Reference Number Qualifier
			Code qualifying the Reference Number.
		16	Military Interdepartmental Purchase Request (MIPR) Number
		2E	A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement Foreign Military Sales Case Number
		2S	A reference number designating the foreign military sale records <i>Use to indicate a Foreign Military Sale (FMS).</i>
		2Y	Catalog <i>Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source can be found.</i>
		73	Wage Determination <i>Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.</i>
		97	Statement of Work (SOW) Description of a product or service to be procured under a contract; statement of requirements <i>If a Statement of Work is part of the award, the PWK segment can be used to indicate how the SOW is being provided.</i>
		AH	Package Number A serial number indicating unit shipped
		BL	Agreement Number <i>Use to indicate a Union Agreement number.</i>
		CR	Government Bill of Lading
		DG	Customer Reference Number <i>Use to indicate the internal number the contractor assigned to the buying party.</i>
			Drawing Number

DS	Defense Priorities Allocation System (DPAS) Priority Rating <i>When used, the code cited in REF02 is a 4 position code.</i>
E4	Charge Card Number <i>Use to indicate the Government credit card number under which payment for this instrument will be accomplished.</i>
IJ	Standard Industry Classification (SIC) Code <i>Use to indicate the Standard Industrial Classification (SIC) Code applicable to this award instrument.</i>
IL	Internal Order Number <i>Use to indicate the requisition (e.g., Military Standard Requisitioning and Issue Procedures (MILSTRIP) or Federal Standard Requisitioning and Issue Procedures (FEDSTRIP) document number).</i>
IQ	End Item <i>Use to indicate the end item to which the items in the award instrument pertain.</i>
IX	Item Number <i>Use to indicate a Federal supply schedule (FSS) special item number.</i>
K4	Criticality Designator <i>Use to indicate the surveillance criticality designator applicable to the award instrument.</i>
KS	Solicitation A discreet number assigned by the purchasing activity to differentiate between different solicitations <i>Use to indicate the solicitation number that resulted in this award instrument. If applicable, concatenate the LAST amendment number with the solicitation number.</i>
LT	Lot Number
NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code <i>Use to indicate the project number applicable to this award instrument.</i>
PH	Priority Rating <i>Use to indicate the MILSTRIP/FEDSTRIP priority rating.</i>
PR	Price Quote Number <i>Use to indicate the contractor's quote or offer number.</i>
QC	Product Specification Document Number
	Model designation of replacement component
RQ	Purchase Requisition No. <i>Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). When citing a purchase request number, concatenate its line item number with the purchase request number if it is</i>

RS	<i>necessary to transmit both numbers.</i> Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number
T4	<i>Use to indicate a specification number other than a Military Specification (MIL-SPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.</i> Signal Code
TG	Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
TN	Transportation Control Number (TCN)
TP	Transaction Reference Number
VW	<i>1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.</i> <i>2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in REF03.</i>
W2	Test Specification Number
W8	Standard <i>Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.</i>
WF	Weapon System Number
XC	Identifies a weapon system <i>Use to indicate the Weapon System Code.</i>
W8	Suffix Differentiates between partial actions taken on the original transaction <i>Use to indicate a MILSTRIP/FEDSTRIP requisition suffix number. This code can be used if there is ONLY one occurrence of the REF segment with code IL in REF01.</i>
XE	Locally Assigned Control Number
XC	Cargo Control Number <i>Use to indicate a tracking number for bulk fuel being sent by a tanker vessel.</i>
XE	Transportation Priority Number
ZZ	Number indicating the level of government priority associated with the transportation of a shipment Mutually Defined <i>Use to indicate another type of reference number. When used, identify the nature of the number in REF03.</i>

REF02

127

Reference Number

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

If a document has a revision or extension, the document number and the

X AN 1/30

REF03	352	<p><i>revision or extension number should be concatenated and cited in this data element.</i></p> <p>Description</p> <p>A free-form description to clarify the related data elements and their content</p> <p><i>1. Use to carry additional information related to a reference number cited in REF02.</i></p> <p><i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>	X AN 1/80
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FOB F.O.B. Related Instructions	
Segment:	080
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	<ul style="list-style-type: none">1 If FOB03 is present, then FOB02 is required.2 If FOB04 is present, then FOB05 is required.3 If FOB07 is present, then FOB06 is required.4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	<ul style="list-style-type: none">1 FOB01 indicates which party will pay the carrier.2 FOB02 is the code specifying transportation responsibility location.3 FOB06 is the code specifying the title passage location.4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	
Notes:	<ol style="list-style-type: none"><i>1. Use this 1/FOB/080 segment if the FOB point and the acceptance location apply to all of the line items. When the FOB point and/or acceptance location varies by line item, use the 2/FOB/180 segment.</i><i>2. If the FOB point varies by delivery zone or destinations within a delivery zone, use the 1/N1/310 loop citing code DZ in N101, identify the delivery zone in N103/04 citing code ZN in N103 and identify the FOB point in N405/406.</i><i>3. This segment is not used when the award instrument is for construction or a service without deliverables.</i>

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
			M	ID 2/2
Must Use	FOB01	Shipment Method of Payment		
		Code identifying payment terms for transportation charges		
		BP	Paid by Buyer	
			The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)	
			<i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE	Prepaid and Summary Bill	
			<i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP	Prepaid (by Seller)	
			<i>Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice.</i>	
		PS	Paid by Seller	
			The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)	
			<i>Use to indicate transportation charges are included in the unit price.</i>	
FOB02	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
			<i>Use to identify the FOB point.</i>	
		DE	Destination (Shipping)	

			FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
			IT	Intermediate FOB Point
				A location indicating the point of destination is not the origin or final destination but rather at some other point <i>Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.</i>
			KE	Port of Embarkation <i>Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.</i>
			KL	Port of Loading <i>Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.</i>
			KP	Government Furnished Property FOB Point <i>Use to indicate that the FOB point is for delivery of Government Furnished Property. Provide the address in the N1 loop, citing code 7H in N101.</i>
			OR	Origin (Shipping Point)
			W	Worldwide Geographic Location Code <i>Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.</i>
			ZZ	Mutually Defined <i>Use to indicate an Other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.</i>
Not Used	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2
			Code identifying the source of the transportation terms	
Not Used	FOB05	335	Transportation Terms Code	X ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility	
	FOB06	309	Location Qualifier	X ID 1/2
			Code identifying type of location	
			1. Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.	
			2. When the inspection point differs, use the 1/LM/430 loop to identify the inspection point by coded means (Destination or Source). The 1/N1/310 loop, citing code L1 in N101, may be used to identify the inspection location in N103/N104 or in N1-N4 as a full address.	
			DE	Destination (Shipping)
			OR	Origin (Shipping Point)
			ZZ	Mutually Defined
			1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 1/N1/310 loop, citing code 7M in N101.	
			2. When both the acceptance and inspection points are at different locations but neither are origin nor	

<i>destination, use the 1/N1/310 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.</i>				
Not Used	FOB07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	FOB08	54	Risk of Loss Qualifier	O ID 2/2
			Code specifying where responsibility for risk of loss passes	
Not Used	FOB09	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

CSH Header Sale Condition					
Segment:	110				
Position:	110				
Loop:					
Level:	Heading				
Usage:	Optional				
Max Use:	5				
Purpose:	To specify general conditions or requirements of the sale				
Syntax Notes:	1 If CSH02 is present, then CSH03 is required. 2 If either CSH06 or CSH07 is present, then the other is required. 1 CSH03 is the maximum monetary amount value which the order must not exceed. 2 CSH04 is the account number to which the purchase amount is to be charged. 3 CSH05 is the date specified by the sender to be shown on the invoice. 4 CSH06 identifies the source of the code value in CSH07. 5 CSH09 is the percent of the Set-Aside.				
Semantic Notes:					
Comments:					
Notes:	<p>1. Use this 1/CSH/110 segment to specify requirements that apply to all of the line items. When requirements vary by line item, use the 2/IT8/140 segment.</p> <p>2. Use this segment also to specify special services (minimum packaging requirements) that apply to all of the line items. These special services are identified in CSH07. If this information varies by line item, cite the information in the 2/PO4/090 segment in PO404.</p>				

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
				<u>O</u> ID 1/2
CSH01	563	Sales Requirement Code		
			Code to identify a specific requirement or agreement of sale	
		GS	Guaranteed Sale	
			<i>Use to indicate a multi-year award.</i>	
		P2	Ship As Soon As Possible	
			<i>Use only with DTM01 code 996.</i>	
		P4	Do Not Preship	
			<i>Use only when DTM01 is code 064 or 106, or when LDT01 is code AY.</i>	
		SC	Ship Complete	
			<i>Use to indicate partial shipments will not be accepted.</i>	
		SV	Ship Per Release	
			<i>Use to indicate that the ordered item(s) are to be shipped in place.</i>	
CSH02	564	Do-Not-Exceed Action Code		<u>O</u> ID 1/1
			Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)	
		0	Cancel Balance of Order/Item that Exceeds Value Specified in Data Element 565	
		1	Cancel Entire Order/Item	
CSH03	610	Amount		<u>X</u> N2 1/15
			Monetary amount	
			<i>Use to identify a maximum total order amount, that if a contractor would exceed, shall result in the entire order or balance of the order that exceeds the maximum amount not being filled.</i>	
Not Used	CSH04	508	Account Number	<u>O</u> AN 1/35
			Account number assigned	
Not Used	CSH05	373	Date	<u>O</u> DT 6/6

			Date (YYMMDD)	
CSH06	559	Agency Qualifier Code		X ID 2/2
		Code identifying the agency assigning the code values		
		AX	ANSI Accredited Standards Committee, X12	
CSH07	560	Special Services Code		X ID 2/10
		Code identifying the special service		
		<i>Use to identify general packaging requirements when MIL-STD 2073-2C packaging codes are not required to provide the information.</i>		
		PL	Palletizing	
		<i>Use to indicate palletized loads are required.</i>		
		S0050	Special Packaging	
		<i>Use to indicate that shrink wrap is required.</i>		
Not Used	CSH08	566	Product/Service Substitution Code	O ID 1/2
			Code indicating product or service substitution conditions	
Not Used	CSH09	954	Percent	O R 1/10
			Percentage expressed as a decimal	

Segment:	SAC Service, Promotion, Allowance, or Charge Information		
Position:	120		
Loop:	SAC Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge		
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of SAC02 or SAC03 is required. 2 If either SAC03 or SAC04 is present, then the other is required. 3 If either SAC06 or SAC07 is present, then the other is required. 4 If either SAC09 or SAC10 is present, then the other is required. 5 If SAC11 is present, then SAC10 is required. 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required. 7 If SAC14 is present, then SAC13 is required. 		
Semantic Notes:	<ol style="list-style-type: none"> 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required. 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence. 3 SAC08 is the allowance or charge rate per unit. 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge. 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used. 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion. 		
Comments:	<ol style="list-style-type: none"> 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02. 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09. 		
Notes:	<p><i>Use this 1/SAC/120 segment to identify services, allowances, or non-Contract Line Item Number (CLIN) charges and, if applicable, quantities applicable to all of the line items. If the services, allowances, or non-CLIN charges vary by line item, use the 2/SAC/130 segment.</i></p>		

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			A Allowance	
			C Charge	
			N No Allowance or Charge	
			<i>Use to indicate there is no charge for the specified service.</i>	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			<i>Any code, other than code ZZZZ, may be used but it should be the same code as provided in the quote or offer. The following is a list of preferred codes.</i>	
			<i>A880 Cancellation Charge</i>	
			<i>When CSH01 is code GS, use to indicate the cancellation ceiling amount.</i>	

<i>B180 Cleaning Charge</i>
<i>B610 Container Service Charge USA/Canada</i>
<i>Use to indicate a reusable container</i>
<i>B870 Customs Charge</i>
<i>C240 Disconnect Charge</i>
<i>C330 Distribution Fee</i>
<i>C370 Diversion Charge</i>
<i>C880 Expediting Premium</i>
<i>D500 Handling</i>
<i>D530 Hazardous Cargo Charge</i>
<i>D660 Hook-up Charge</i>
<i>D820 Inside Delivery</i>
<i>D870 Inspection</i>
<i>D890 Installation and Training</i>
<i>D900 Installation</i>
<i>E340 Less Than Truckload (LTL) Charge</i>
<i>Use to indicate a charge for less than a full carload or truckload.</i>
<i>E400 Loading (Labor Charges)</i>
<i>F150 Packaging Service</i>
<i>F460 Postage</i>
<i>F560 Premium Transportation</i>
<i>F830 Proof of Delivery</i>
<i>Use to indicate a charge for preparation of a DD Form 250.</i>
<i>G030 Reconnect Charge</i>
<i>G350 Rents and Leases</i>
<i>G470 Restocking Charge</i>
<i>G530 Rework</i>
<i>G580 Royalties</i>
<i>G660 Scrap Allowance</i>
<i>G740 Service Charge</i>
<i>G760 Set-up</i>
<i>H170 Special Tooling Charge</i>
<i>H430 Storage</i>
<i>H540 Supplemental Items</i>
<i>Use to indicate Contractor Acquired Parts (CAP).</i>
<i>H550 Surcharge</i>
<i>H990 Testing Services Charge</i>
<i>I260 Transportation Direct Billing</i>
<i>I380 Unloading (Labor Charges)</i>
<i>I590 Warranties</i>

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
	SAC05	610	Amount	O	N2 1/15
	SAC06	378	Allowance/ Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
			<i>Use any code other than code Z.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	SAC07	332	Percent	X	R 1/6

			Percent expressed as a percent	
			<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
SAC08	118	Rate	O R 1/9	
		Rate expressed in the standard monetary denomination for the currency specified		
SAC09	355	Unit or Basis for Measurement Code	X ID 2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>1. Use any code other than code ZZ.</i>		
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
SAC10	380	Quantity	X R 1/15	
		Numeric value of quantity		
		<i>Use to indicate the quantity to which the amount in SAC05 applies. SAC 10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>		
SAC11	380	Quantity	O R 1/15	
		Numeric value of quantity		
		<i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O ID 2/2
		Code indicating method of handling for an allowance or charge		
	SAC13	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
		<i>Use to identify the Accounting Classification Reference Number (ACRN), project code, funding code or accounting code to which a charge or allowance is applicable. These reference numbers and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.</i>		
Not Used	SAC14	770	Option Number	O AN 1/20
		A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content		

Segment:	ITD Terms of Sale/Deferred Terms of Sale	
Position:	130	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify terms of sale	
Syntax Notes:	1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required. 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.	
Comments:	1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.	
Notes:	1. Use this 1/ITD/130 segment to identify discount information applicable to all of the line items. If discounts vary by line item, use the 2/ITD/150 segment. 2. Payment method was provided at the time of registration. Changes to that data must be made by submitting a registration data change using the 838 transaction set.	

Data Element Summary

	Ref. Des.	Data		Attributes
		Element	Name	
Not Used	ITD01	336	Terms Type Code Code identifying type of payment terms	O ID 2/2
Not Used	ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period	O ID 1/2
	ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	O R 1/6
Not Used	ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned	X DT 6/6
	ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
Not Used	ITD06	446	Terms Net Due Date Date when total invoice amount becomes due	O DT 6/6
	ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
Not Used	ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
Not Used	ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due	O DT 6/6
Not Used	ITD10	389	Deferred Amount Due Deferred amount due for payment	X N2 1/10
Not Used	ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent	X R 1/5
Not Used	ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X N0 1/2
Not Used	ITD14	107	Payment Method Code Code identifying type of payment procedures	O ID 1/1

850 Purchase Order

Not Used ITD15

954 Percent

Percentage expressed as a decimal

O R 1/10

Segment:	DIS Discount Detail		
Position:	140		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	20		
Purpose:	To specify the exact type and terms of various discount information		
Syntax Notes:			
Semantic Notes:	<p>1 DIS05 is the minimum for application of the discount.</p> <p>2 DIS06 is the maximum for application of the discount.</p>		
Comments:			
Notes:	<p>1. Use this 1/DIS/140 segment to identify volume discounts that apply to all of the line items or to the entire order that are based on either the dollar value purchased or the number of units purchased. Use the 2/DIS/160 segment if the discount varies by line item.</p> <p>2. Use the 1/N9/290 segment, with N901 citing code KD, and the 1/MSG/300 segment to specify other volume or promotional discounts that apply to all of the line items or the entire order..</p>		
Data Element Summary			
Ref.	Data		
Des.	Element	Name	Attributes
Must Use	DIS01	653 Discount Terms Type Code	M ID 3/3
		Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.	
		POR % Discount per Units Ordered	
			<i>Use to indicate a percent discount based on the value of the units purchased.</i>
		UNT Additional Units per Units Purchased	
			<i>Use to indicate additional free units are to be provided based on the number of units purchased.</i>
Must Use	DIS02	654 Discount Base Qualifier	M ID 2/2
		Code to define unit of discount, i.e., dollars, cases, alternate products, etc.	
		PC Discount Determined as a Percentage of the Value of the Transaction	
			<i>Use to indicate the discount as a percent of the value of the total order.</i>
		UN Discount Determined to be Additional Units that Are Defined by Discount Control Limit Qualifier	
			<i>Use to indicate the discount as additional free units based on the number of items purchased.</i>
Must Use	DIS03	655 Discount Base Value	M R 1/10
		A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount	
			<i>1. When DIS02 is code PC, use to identify the discount percentage. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>
			<i>2. When DIS02 is code UN, use to identify the number of free units.</i>
Must Use	DIS04	656 Discount Control Limit Qualifier	M ID 2/3
		Code to define the units of the limits for determining discount	
		DAT Time Limits for Discount	
			<i>Use in conjunction with DIS02 code UN.</i>
		DOF Dollars of Purchase	
			<i>Use in conjunction with DIS02 code PC.</i>
Must Use	DIS05	657 Discount Control Limit	M N0 1/10
		Amount or time associated with application of the discount	

DIS06	657	<p><i>Use to identify the base amount or quantities applicable to the discount. This is the minimum value or quantity needed to earn the discount.</i></p> <p>Discount Control Limit</p> <p>Amount or time associated with application of the discount</p> <p><i>Use to identify the maximum amount or quantities applicable to the discount. When values are cited in both DIS05/06, this constitutes a range of values or quantities applicable to the cited discount.</i></p>	O N0 1/10
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Segment:	DTM Date/Time Reference	
Position:	150	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required. 2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	1. Use this 1/DTM/150 segment to identify dates that apply to all of the line items. When the dates vary by line item, use the 2/DTM/210 segment. 2. This segment can be used to provide a delivery date when it is expressed as an actual date. If the delivery schedule is expressed as a set time period after the occurrence of some event, use the 1/LDT/160 segment.	

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes	
				M	ID 3/3
	DTM01	374	Date/Time Qualifier		
			Code specifying type of date or time, or both date and time		
		002	Delivery Requested	<i>Use when the delivery date of the order does not conform to the basic Indefinite Delivery Contract (IDC) instrument.</i>	
		007	Effective	<i>Use with codes RD6 or RD8 in DTM06 to indicate the ordering period of an Agreement or an IDC award instrument. Specify the date range in DTM07.</i>	
		017	Estimated Delivery		
		063	Do Not Deliver After	<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
		064	Do Not Deliver Before	<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
		077	Requested for Delivery (Week of)	<i>When this code is used cite the beginning day of the week.</i>	
		093	Contract Expiration	<i>Use to indicate the expiration date for an award instrument.</i>	
		106	Required By	<i>Use to indicate delivery is due exactly on the date specified.</i>	
		174	Month Ending	<i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>	
		193	Period Start	<i>Use to indicate the start of a period of performance or lease.</i>	
		194	Period End	<i>Use to indicate the end of a period of performance or</i>	

	368	Submittal <i>When REF01 is code TN, use to indicate the date of a related transaction set.</i>	
	375	Delivery Start <i>Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified period.</i>	
	376	Delivery End <i>Use to indicate the end date/time when the total quantity is to be delivered during a specified period.</i>	
	467	Signature <i>Use to indicate the date that the award instrument was signed if different from the effective date specified in BEG05.</i>	
	937	Department of Labor Wage Determination Date <i>Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.</i>	
	994	Quote <i>When REF01 is code PR, use to indicate the date of the quote or offer.</i>	
	996	Required Delivery <i>Use to indicate delivery is due on or before the specified date.</i>	
DTM02	373	Date Date (YYMMDD)	X DT 6/6
DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	X TM 4/8
DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow <i>Use only when DTM03 is used to express a time.</i>	O ID 2/2
	CT	Central Time	
	ET	Eastern Time	
	GM	Greenwich Mean Time	
	LT	Local Time	
	MT	Mountain Time	
	PT	Pacific Time	

DTM05	624	Century	O	N0 2/2
DTM06	1250	Date Time Period Qualifier	X	ID 2/3
		Code indicating the date format, time format, or date and time format		
		<i>1. Use any code.</i>		
		<i>2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.</i>		
		<i>3. Use also to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
DTM07	1251	Date Time Period	X	AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times		
		<i>When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.</i>		

Segment:	LDT Lead Time		
Position:	160		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	12		
Purpose:	To specify lead time for availability of products and services		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	<p>1. LDT04 is the effective date of lead time information.</p> <p>2. LDT02 is the quantity of unit of time periods.</p> <p><i>1. Use this 1/LDT/160 segment if the delivery schedule applies to all the line items and there will be only one delivery of the total quantity. If the delivery schedule varies by line item or more than one delivery will be required for the total quantity, use the 2/LDT/321 loop. If the line item delivery schedule varies by ship-to-addressee, use the 2/LDT/462 loop.</i></p> <p><i>2. Use this segment when the delivery schedule is expressed as a set time period after the occurrence of some event. The previous DTM segment is used when the delivery date is an actual date.</i></p>		

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attributes	
				M	ID 2/2
Must Use	LDT01	345	Lead Time Code		
			Code indicating the time range		
			AD	From date of sample approval to first product shipment	
			AI	From Date of a Specified Event to Delivery	
				<p><i>Use to indicate that the consignee or other contact must be notified within the time period cited to schedule a shipment. When used, cite the contact communications number in the 1/PER/360 segment.</i></p>	
			AV	From Date of Award to Date of Latest Delivery	
			AW	From Date of Award to Date of Earliest Delivery	
			AX	From Date of Award to Date of Completion	
				<p><i>Use to indicate the completion date, e.g., for a level of effort.</i></p>	
			AY	From Date of Award to Date of Delivery	
			AZ	From Date of Receipt of Item to Date of Approval of Item	
Must Use	LDT02	380	Quantity	M	R 1/15
			Numeric value of quantity		
Must Use	LDT03	344	Unit of Time Period or Interval	M	ID 2/2
			Code indicating the time period or interval		
			CY	Calendar Year	
			DA	Calendar Days	
			KK	Maximum Calendar Days	
				<p><i>Use to indicate a flexible time period, e.g., X number of days or less.</i></p>	
			MO	Month	
			QY	Quarter of a Year	
			SA	Semiannual	
			WK	Weeks	
	LDT04	373	Date	O	DT 6/6
			Date (YYMMDD)	<p><i>Use to cite a date relevant to the lead time code. For example, the start date</i></p>	

of the cited activity.

Segment:	PID Product/Item Description		
Position:	190		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	200		
Purpose:	To describe a product or process in coded or free-form format		
Syntax Notes:	<p>1 If PID04 is present, then PID03 is required.</p> <p>2 At least one of PID04 or PID05 is required.</p> <p>3 If PID07 is present, then PID03 is required.</p> <p>4 If PID08 is present, then PID03 is required.</p>		
Semantic Notes:	<p>1 Use PID03 to indicate the organization that publishes the code list being referred to.</p> <p>2 PID04 should be used for industry-specific product description codes.</p> <p>3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item. A "N" indicates it does not apply. Any other value is indeterminate.</p>		
Comments:	<p>1 If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used.</p> <p>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</p> <p>3 PID07 specifies the individual code list of the agency specified in PID03.</p>		
Notes:	<p><i>1. Use this 1/PID/190 segment to provide an overall description that applies to all line items. When descriptions vary by line item, transmit a general description in this segment and use the 2/PID/050 segment to transmit the varying descriptions.</i></p> <p><i>2. Use is discouraged. Whenever possible, items should be described by successive iterations of 235/234 pairs in the 2/PO1/010 segment or by reference number. Use codified data whenever possible.</i></p>		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
			S Structured (From Industry Code List)	
			X Semi-structured (Code and Text)	
	PID02	750	Product/Process Characteristic Code	O ID 2/3
			Code identifying the general class of a product or process characteristic	
			<i>Use any code.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
			<i>Use any code other than code ZZ.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID04	751	Product Description Code	X AN 1/12
			A code from an industry code list which provides specific data about a product characteristic	
	PID05	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
Not Used	PID06	752	Surface/Layer/Position Code	O ID 2/2
			Code indicating the product surface, layer or position that is being described	
Not Used	PID07	822	Source Subqualifier	O AN 1/15

Not Used	PID08	1073	A reference that indicates the table or text maintained by the Source Qualifier	
			Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response	

Segment:	MEA Measurements		
Position:	200		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	40		
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)		
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present. <ol style="list-style-type: none"> 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06. 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value. 		
Semantic Notes:			
Comments:			
Notes:	<p><i>1. Use this 1/MEA/200 segment to provide information that applies to all of the line items. If information varies by line item, use the 2/MEA/049 segment.</i></p> <p><i>2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type award instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, the minimum and maximum obligations of the Government and contractor, and warranty periods.</i></p>		

Data Element Summary

<u>Ref.</u>		<u>Attributes</u>	
<u>Des.</u>		<u>Element</u>	
<u>MEA01</u>		<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies <i>Use any code.</i>	

BT Batch Limits

When BEG02 is code KI, KQ, or KR, use to indicate the minimum and maximum limits of the Government's obligation to order either in terms of dollars or quantity under a requirements or an indefinite quantity type award instrument. When BEG02 is code KT or RL, use to indicate the minimum and maximum limits of the Government's obligation to order either in terms of dollars or quantity under the specific Task Order or Delivery Order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

CT Counts

Use to indicate variations in quantity permitted when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE Defects

Use to indicate a warranty period.

LT Lot Limits

Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits

Use to indicate the maximum the Government may order from a requirements or an indefinite quantity type procurement instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted

Use to indicate the minimum and maximum quantity or dollars permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02

738

Measurement Qualifier**O ID 1/3**

Code identifying a specific product or process characteristic to which a measurement applies

Use any code other than code ZZZ.

MX Maximum

When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified time period.

PO Percent of Order (-, +)

Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY Ratio

When BEG09 is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.

TT Time

Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA03

739

Measurement Value**X R 1/20**

The value of the measurement

MEA04

C001

Composite Unit of Measure**X**

To identify a composite unit of measure (See Figures Appendix for examples of use)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or indefinite quantity type award instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite MX, MEA03 would cite 10,000, MEA04-C00101 would cite EA, and MEA04-4 would cite Q1.

Must Use

C00101

355

Unit or Basis for Measurement Code**M ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to Accredited Standards Committee (ASC) X12 codes.

			Refer to 003050 Data Element Dictionary for acceptable code values.
Not Used	C00102	1018	Exponent O R 1/15 Power to which a unit is raised
Not Used	C00103	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value
	C00104	355	Unit or Basis for Measurement Code O ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
			<i>1. Use any code other than code ZZ.</i>
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>
			Refer to 003050 Data Element Dictionary for acceptable code values.
Not Used	C00105	1018	Exponent O R 1/15 Power to which a unit is raised
Not Used	C00106	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value
Not Used	C00107	355	Unit or Basis for Measurement Code O ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Not Used	C00108	1018	Exponent O R 1/15 Power to which a unit is raised
Not Used	C00109	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value
Not Used	C00110	355	Unit or Basis for Measurement Code O ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Not Used	C00111	1018	Exponent O R 1/15 Power to which a unit is raised
Not Used	C00112	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value
Not Used	C00113	355	Unit or Basis for Measurement Code O ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Not Used	C00114	1018	Exponent O R 1/15 Power to which a unit is raised
Not Used	C00115	649	Multiplier O R 1/10 Value to be used as a multiplier to obtain a new value
	MEA05	740	Range Minimum X R 1/20 The value specifying the minimum of the measurement range
			<i>1. When MEA01 is code CT, or MEA02 is code PO, use to specify the variation in quantity under.</i>
			<i>2. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.</i>
			<i>3. When MEA02 is RY, use to specify the Government share.</i>
			<i>4. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>
	MEA06	741	Range Maximum X R 1/20 The value specifying the maximum of the measurement range
			<i>1. When MEA01 is code CT, or MEA02 is code PO, use to specify the variation in quantity over.</i>
			<i>2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount</i>

*or quantity.***3. When MEA02 is RY, use to specify the contractor share.****4. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).**

Not Used	MEA07	935	Measurement Significance Code	<input type="radio"/> O	ID 2/2
			Code used to benchmark, qualify or further define a measurement value		
Not Used	MEA08	936	Measurement Attribute Code	<input checked="" type="checkbox"/> X	ID 2/2
			Code used to express an attribute response when a numeric measurement value cannot be determined		
Not Used	MEA09	752	Surface/Layer/Position Code	<input type="radio"/> O	ID 2/2
			Code indicating the product surface, layer or position that is being described		
Not Used	MEA10	1373	Measurement Method or Device	<input checked="" type="checkbox"/> X	ID 2/4
			The method or device used to record the measurement		

Segment:	PWK Paperwork	
Position:	210	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	
Purpose:	To identify the type and transmission of paperwork or supporting information	
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.	
Semantic Notes:		
Comments:	<p>1 PWK05 and PWK06 may be used to identify the addressee by a code number.</p> <p>2 PWK07 may be used to indicate special information to be shown on the specified report.</p> <p>3 PWK08 may be used to indicate action pertaining to a report.</p>	
Notes:	<p>1. Use this 1/PWK/210 segment when the paperwork information applies to all of the line items. Use the 2/PWK/070 segment if the information varies by line item.</p> <p>2. Use this segment to identify paperwork required to pass between the buyer and seller and how that paperwork is to be transmitted.</p>	

Data Element Summary				
Ref.	Data	Element	Name	Attributes
Must Use	Des.	755	Report Type Code	M ID 2/2
			Code indicating the title or contents of a document, report or supporting item	
			<i>Use to identify the type of paperwork that is being provided to or must be provided by the contractor.</i>	
		25	Purchase Plan	
			<i>Use to indicate a make or buy plan.</i>	
		35	Subcontractor Plan	
		AE	Attachment	
			<i>Use to indicate some additional document, e.g., list of Government furnished property, related to this award instrument is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.</i>	
		C1	Cost Data Summary	
			<i>Use to indicate non-certified cost and price data.</i>	
		C5	Certified Cost and Price Data	
		C6	Wage Determination	
			<i>When used identify the Wage Determination number in the 1/REF/050 segment using code 2Y in REF01.</i>	
		CP	Certificate of Compliance (Material Certification)	
			<i>Use to indicate a Certificate of Conformance. When used, PWK04 should cite code PC.</i>	
		CX	Cost/Schedule Status Report (C/SSR)	
			Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure	
		CY	Contract Funds Status Report (CFSR)	
			Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs	

	DW	Drawing(s)	
	F1	Cost Performance Report (CPR) Format 1	
	F2	Detailed contract status report including current reporting month values at specified levels of the work breakdown structure	
	F3	Cost Performance Report (CPR) Format 2	
	F4	Detailed contract status report at specified levels of the organization breakdown structure	
	F5	Cost Performance Report (CPR) Format 3	
		Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values	
	F6	Cost Performance Report (CPR) Format 4	
		Contract resource summary report that forecasts labor requirements for the remainder of a contract	
	IT	Cost Performance Report (CPR) Format 5	
	MR	Contract summary or detail report explaining significant cost or schedule variances	
	MS	Certified Inspection and Test Results	
	PD	Material Inspection and Receiving Report	
	PJ	Material Safety Data Sheet	
		Proof of Delivery	
	PM	Proof of Purchasing Specification	
	PP	Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments	
	S9	<i>Use to indicate a Statement of Work (SOW).</i>	
		Proof of Insurance	
	SF	Proposal	
		Representation	
		A statement (report) by a prospective contractor that makes a representation about a specific condition	
	SN	<i>Use to indicate a payment and performance bond.</i>	
	SP	Contract Security Classification Specification	
	US	<i>Use to indicate that additional information relative to the Contract Security Classification Specification transmitted in this transaction set will be provided.</i>	
	BE	Shipping Notice	
	BM	Specification	
	CF	"BUY AMERICA" Certification of Compliance	
PWK02	756	Report Transmission Code	O ID 1/2
		Code defining timing, transmission method or format by which reports are to be sent	
	BE	By Mail and Electronically	<i>Use to indicate Electronic Mail (E-Mail).</i>
	BM	By Mail	<i>Use to indicate transmittal via the United States Postal Service (USPS).</i>
	CF	Courier	<i>Use to indicate transmittal via commercial express courier.</i>
	DA	Data	

		EL	<i>Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.</i> Electronically Only
		FX	<i>Use to indicate that data was sent by a separate Electronic Data Interchange (EDI) transaction set. When used, identify the unique number of the transaction set in REF02 of the 1/REF/050 segment citing code TN in REF01.</i> By Fax
		IA	<i>Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.</i> Electronic Image
		WS	With Shipment (With Package)
PWK03	757	Report Copies Needed	O N0 1/2 The number of copies of a report that should be sent to the addressee <i>The number of copies is assumed to be 1 unless a greater number is specified in this data element.</i>
PWK04	98	Entity Identifier Code	O ID 2/2 Code identifying an organizational entity, a physical location, or an individual <i>Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/310 segment and/or the recipient communication number in the 1/PER/360 segment.</i>
	44		Data Processing Service Bureau <i>Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>
	7D		Contracting Officer Representative
	7N		Party to Receive Proposal
	BY		Buying Party (Purchaser)
	C4		<i>Use to indicate the Contracting Officer.</i> Contract Administration Office
	IS		Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area Party to Receive Certified Inspection Report
	KF		<i>Use when PWK01 is code IT or MR.</i> Audit Office
			The office performing the audit
	KG		Project Manager The address of the person responsible for the management of a designated project <i>Use to indicate the party responsible for the project to include the advisor under a Grant.</i>
	KY		Technical Office
	PA		Party to Receive Inspection Report
	PC		Party to Receive Cert. of Conformance (C.A.A.)
	SM		Party to Receive Shipping Manifest
	ZD		Party to Receive Reports

			The organization designated to receive reports
Not Used	PWK05	66	Identification Code Qualifier X ID 1/2 Code designating the system/method of code structure used for Identification Code (67)
Not Used	PWK06	67	Identification Code X AN 2/20 Code identifying a party or other code
	PWK07	352	Description O AN 1/80 A free-form description to clarify the related data elements and their content <ol style="list-style-type: none"> <i>1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i> <i>2. When PWK01 is code S9, use to identify the lead time for submission of the payment and performance bond.</i> <i>3. When PWK02 is code DA, use to identify the other form of electronic transfer.</i> <i>4. When PWK02 is code IA, use to identify the URL.</i> <i>5. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>
	PWK08	C002	Actions Indicated O Actions to be performed on the piece of paperwork identified
Must Use	C00201	704	Paperwork/Report Action Code M ID 1/2 Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required 2 Report to be Filed <i>When PWK01 is code 25, 35, C1, C5, CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, MS, PD, PM, PP, S9, SN, or US, indicate the specified paperwork is required to be provided by the contractor.</i> PV Provided <i>When PWK01 is code AE, C6, DW, PJ, SF, or SP, use to indicate the specified paperwork is being provided by the buyer.</i>
Not Used	C00202	704	Paperwork/Report Action Code O ID 1/2 Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required
Not Used	C00203	704	Paperwork/Report Action Code O ID 1/2 Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required
Not Used	C00204	704	Paperwork/Report Action Code O ID 1/2 Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required
Not Used	C00205	704	Paperwork/Report Action Code O ID 1/2 Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Segment:	PKG Marking, Packaging, Loading
Position:	220
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<p>1 At least one of PKG04 PKG05 or PKG06 is required.</p> <p>2 If PKG04 is present, then PKG03 is required.</p> <p>3 If PKG05 is present, then PKG01 is required.</p>
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	<p>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</p> <p>2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used.</p> <p>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</p> <p>4 Special marking or tagging data can be given in PKG05 (description).</p>
Notes:	<p><i>1. Use this 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. If the packaging requirements apply to all of the line items to be delivered to a named entity, use the 1/PKG/420 segment. If the packaging requirements vary by line item, use the 2/PKG/300 segment or the 2/PKG/460 segment if the packaging requirements are applicable to a named entity.</i></p> <p><i>2. Packaging information such as the number of items in a unit container; the number of unit containers in an intermediate container; and the gross weight, cube and dimensions of a unit or intermediate container is carried in the 2/PO4/090 segment.</i></p>

Data Element Summary

Ref.	Data	Attributes	
Des.	Element	Name	
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify the applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		HM Hazardous Material	
		IC Intermediate Container	
		LP Level Of Preservation	
		OPI Optional Procedure Indicator	
		PK Packing	
		<i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, Army Post Office (APO) or Fleet Post Office (FPO), or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per American Society for</i>	

			Testing and Materials (ASTM) D 3951 is acceptable, cite MIL-STD 2073-2C code X in PKG04.
			PM Preservation Method
			PML Preservation Material
			SMK Special Marking
			UC Unit Container
			UCL Unit Container Level
			WM Wrapping Material
PKG03	559	Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		DF Department of Defense (DoD)	
		GS General Services Administration (GSA)	
		Responsible for Federal Specification	
		ZZ Mutually Defined	
		Use to indicate a Federal activity other than DoD or GSA.	
PKG04	754	Packaging Description Code	X AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	
		<i>1. The actual codes associated with the packaging characteristics codes cited in PKG02 can be found in Code Source List 197 (MIL-STD 2073-2C).</i>	
		<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).</i>	
		<i>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide the supplementary or special requirements.</i>	
		<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>	
		<i>5. Whenever a code is used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>	
PKG05	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>	
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
Not Used	PKG06	Unit Load Option Code	X ID 2/2
		Code identifying loading or unloading a shipment	

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)			
Position:	240			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	12			
Purpose:	To specify the carrier and sequence of routing and provide transit time information			
Syntax Notes:	<p>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</p> <p>2 If TD502 is present, then TD503 is required.</p> <p>3 If TD507 is present, then TD508 is required.</p> <p>4 If TD510 is present, then TD511 is required.</p>			
Semantic Notes:				
Comments:	<p>1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.</p>			
Notes:	<p><i>Use this 1/TD5/240 segment to identify the transportation method that is applicable to all of the line items. If the transportation method applies to all of the line items to be delivered to a named entity, use the 1/TD5/390 segment. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/430 segment when the information is applicable to a named entity.</i></p>			
Data Element Summary				
	Ref.	Data		
	Des.	Element	Name	
Not Used	TD501	133	Routing Sequence Code	Attributes
			Code describing the relationship of a carrier to a specific shipment movement	O ID 1/2
	TD502	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		10	Department of Defense Activity Address Code (DODAAC)	
			<i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	
	TD503	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
	TD504	91	Transportation Method/Type Code	X ID 1/2
			Code specifying the method or type of transportation for the shipment	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
			<i>D Parcel Post</i>	
			<i>Use to indicate the U.S. Postal Service and not a private carrier.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	TD505	387	Routing	X AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used	TD506	368	Shipment/Order Status Code	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
Not Used	TD507	309	Location Qualifier	O ID 1/2
			Code identifying type of location	
Not Used	TD508	310	Location Identifier	X AN 1/30
			Code which identifies a specific location	

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Not Used	TD509	731	Transit Direction Code The point of origin and point of direction	O	ID 2/2
Not Used	TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time	O	ID 2/2
Not Used	TD511	733	Transit Time The numeric amount of transit time	X	R 1/4
	TD512	284	Service Level Code Code defining service	X	ID 2/2

1. Use any code other than code ZZ.

2. When TD401 is code EMR, use to identify the transportation requirements to satisfy the Emergency Order.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	TD4 Carrier Details (Special Handling or Hazardous Materials or Both)		
Position:	260		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	5		
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both		
Syntax Notes:	<ol style="list-style-type: none"> At least one of TD401 TD402 or TD404 is required. If TD402 is present, then TD403 is required. 		
Semantic Notes:			
Comments:			
Notes:	<p><i>Use this 1/TD4/260 segment to identify special handling or hazardous material information when it applies to all of the line items. Use the 1/TD4/410 segment when the special handling or hazardous material information applies to all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/450 segment if the information is applicable to a named entity.</i></p>		

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Use any code, other than code ZZZ, but the listed codes are preferred.</i>	
		AMM <i>A.M. Delivery Requirement</i>	
		DA <i>Dangerous</i>	
		EMR <i>Emergency Service</i>	
		<i>Use to indicate an Emergency Order. When this code is used, TD512 may be used to specify transportation requirements.</i>	
		EP <i>Expedite</i>	
		EX <i>Explosive Flammable Gas</i>	
		FG <i>Flammable Gas</i>	
		FL <i>Flammable</i>	
		FP <i>Flammable Poison Gas</i>	
		HM <i>Endorsed as Hazardous Material</i>	
		LT <i>Less Than Full Carload</i>	
		LTT <i>Less Than Truckload</i>	
		NC <i>Notify Consignee before Delivery</i>	
		PG <i>Poisonous Gas</i>	
		PMM <i>P.M. Delivery Requirement</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

Segment:	MAN Marks and Numbers		
Position:	270		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	10		
Purpose:	To indicate identifying marks and numbers for shipping containers		
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required. 		
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range. 		
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained. 		
Notes:	<p><i>1. Use this 1/MAN/270 segment when the marks and numbers apply to all line items. If the information varies by line item, use the 2/MAN/280 segment.</i></p> <p><i>2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.</i></p>		

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87)	M ID 1/2
		S	Entire Shipment	
Must Use	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/45
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87)	X ID 1/2
		S	Entire Shipment	
	MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/45
	MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45

Segment:	TXI Tax Information		
Position:	285		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify tax information		
Syntax Notes:	<p>1 At least one of TXI02 TXI03 or TXI06 is required.</p> <p>2 If either TXI04 or TXI05 is present, then the other is required.</p> <p>3 If TXI08 is present, then TXI03 is required.</p>		
Semantic Notes:	1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.		
Comments:	<p>1 TXI02 is the monetary amount of the tax.</p> <p>2 TXI03 is the tax percent expressed as a decimal.</p> <p>3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.</p>		
Notes:	<i>Use this 1/TXI/285 segment to identify taxes that apply to the total order amount. Use the 2/TXI/292 segment to identify taxes that apply to individual line item amounts.</i>		

Data Element Summary					
	Ref.	Data Des.	Element	Name	Attributes
Must Use	TXI01		963	Tax Type Code Code specifying the type of tax <i>Use any code other than code ZZ.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	TXI02		782	Monetary Amount Monetary amount	X R 1/15
	TXI03		954	Percent Percentage expressed as a decimal <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	X R 1/10
Not Used	TXI04		955	Tax Jurisdiction Code Qualifier Code identifying the source of the data used in tax jurisdiction code	X ID 2/2
Not Used	TXI05		956	Tax Jurisdiction Code Code identifying the taxing jurisdiction	X AN 1/10
	TXI06		441	Tax Exempt Code Code identifying exemption status from sales and use tax <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
	TXI07		662	Relationship Code Code indicating the relationship between entities	O ID 1/1
			A	Add <i>Use to indicate the tax amount cited in TXI02 is to be added to the total order amount.</i>	
			D	Delete <i>Use to indicate the tax amount cited in TXI02 has been deleted from the total order amount proposed in the Response to the Solicitation.</i>	
			I	Included <i>Use to indicate the tax amount cited in TXI02 is included in the total order amount.</i>	
	TXI08		828	Dollar Basis For Percent Dollar basis to be used in the percent calculation of the allowance, charge or tax	O R 1/9

TXI09	325	Tax Identification Number	O AN 1/20
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number <i>When TXI06 is used, provide the purchasing activity's tax exempt number when required by the taxing jurisdiction.</i>	
TXI10	350	Assigned Identification	O AN 1/11

Alphanumeric characters assigned for differentiation within a transaction set

1. Use to identify the ACRN, project code, funding code, or accounting code to which tax is applicable. These codes and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.

2. Use only when TXI07 is code A.

Segment:	AMT Monetary Amount	
Position:	287	
Loop:	AMT	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To indicate the total monetary amount	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	<p>1. Use this 1/AMT/287 segment to specify the total amount of obligated funds for each accounting classification cited in the AT segment, or to specify amounts associated with incentive, award fee, fixed-fee, or cost sharing award instruments when the amounts apply to all of the line items.</p> <p>2. The following table identifies how each code listed in AMT01, other than code KC, is to be used depending on the code cited in BEG09.</p>	
COST, FEE, AND PRICE EXPRESSION TABLE		
BEG09 Code	AMT01 Code	AMT01 Code Use
CA/CB	33	Target Cost
CA/CB	32	Target Fee
CA/CB	K5	Minimum Fee
CA/CB	K6	Maximum Fee
CH	KO	Contractor Firm Share
CH	70	Estimated Government Share
CS	NA	Use the 3/AMT/020 segment, code TT
CW/CX	33	Cost
CW	FE	Base Fee
CW	E9	Award Fee
CX	E9	Fixed Fee
FB/FC	33	Target Cost
FB/FC	32	Target Profit
FB/FC	30	Price Ceiling
FD	NA	For fixed-price contracts with prospective price redetermination, use the 3/AMT/020 segment, code 29 for contract total amount; and use the 2/AMT/600 segment code 1 when CN101 is code FR for Firm Fixed Price Items, and code 29 when CN101 is code FD for redeterminable items without a ceiling price or code 30 for redeterminable items with a ceiling price.
ZZ	NA	For fixed-price contracts with retroactive price redetermination, use the 3/AMT/020 segment, code 30 for contract ceiling price; and use the 2/AMT/600 segment code 30 when CN101 is code ZZ for fixed ceiling price if items subject to differing contract type are present in the same contract.
FF/FG	ZQ	Initial Target Cost
FF/FG	K4	Initial Target Profit
FF/FG	K6	Target Profit Ceiling
FF/FG	K5	Target Profit Floor
FF/FG	30	Ceiling Price
FH	33	Fixed Price
FH	FE	Base Fee
FH	E9	Award Fee

FJ/FX/LH/TM	NA	Use the 2/AMT/600 segment, code I for fixed price line items; and the 3/AMT/020 segment, code TT for contract total amount
FK	NA	No cost or price information required

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes	
				M	ID 1/2
	AMT01	522	Amount Qualifier Code Code to qualify amount		
<p><i>1. For the correct use of the following codes in various fee and profit arrangements by type of contract, see the table above.</i></p> <p><i>2. Codes K8 and KC are to be used in accordance with the notes or definition associated with each code.</i></p>					
		30	Contract Ceiling The ceiling price applicable to defined effort		
		32	Target Fee or Profit Amount The fee (can also be percent) of profit that will apply to defined contract effort		
		33	Original Contract Target Cost Value of the original negotiated contract		
		70	Open Commitments Value of supplies or other items committed to for payment (such as on delivery of products)		
		E9	Initial Fee Beginning charge before any reductions		
		FE	Fee		
		K4	Initial Target Fee		
		K5	Minimum Fee		
		K6	Maximum Fee		
		KC	Obligated An amount a party has an obligation to pay upon a successful performance by another party, (e.g., funds obligated on a contract)		
<p><i>Use when the AT segment carries long line accounting data and cite the associated accounting code in the 1/REF/289 segment, e.g., code AX for the ACRN.</i></p>					
		KO	Committed Amount		
		ZQ	Initial Target Cost		
Must Use	AMT02	782	Monetary Amount Monetary amount	M	R 1/15
Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O	ID 1/1

Segment:	AT Financial Accounting		
Position:	288		
Loop:	AMT Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit financial accounting data		
Syntax Notes:	1 If AT10 is present, then AT01 is required.		
Semantic Notes:			
Comments:	1 AT09 identifies unique local activity financial accounting information.		
Notes:	<i>Use this segment to provide the financial accounting data applicable to this award instrument.</i>		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	AT01	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/20
Must Use	AT02	1282	Treasury Symbol Number Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure <i>Cite the basic appropriation number in this data element (department code through appropriation limit). Example: 171795961810.0400.</i>	O AN 7/21
Not Used	AT03	1283	Budget Activity Number Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure	O AN 1/16
Not Used	AT04	1284	Object Class Number Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure	O AN 3/12
Not Used	AT05	1285	Reimbursable Source Number Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure	O AN 1/3
Not Used	AT06	1286	Transaction Reference Number Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure	O AN 4/20
Must Use	AT07	1287	Accountable Station Number Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure <i>Cite the Accountable Station Number in this data element. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Activity (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.</i>	O AN 3/8
Not Used	AT08	1288	Paying Station Number Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure	O AN 8/14
Must Use	AT09	352	Description A free-form description to clarify the related data elements and their content <i>Cite the balance of the financial accounting data which should include the Accountable Station Number cited in AT07.</i>	O AN 1/80
Not Used	AT10	1270	Code List Qualifier Code Code identifying a specific industry code list	O ID 1/3

Segment:	REF Reference Numbers			
Position:	289			
Loop:	AMT Optional			
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify identifying numbers.			
Syntax Notes:	1 At least one of REF02 or REF03 is required.			
Semantic Notes:				
Comments:				
Notes:	<p><i>Use this segment to identify a number or a code applicable to the financial accounting data cited in the preceding AT segment. This number or code can be cited in the 2/REF/610 segment in place of repeating the accounting data at the Detail level when it is necessary to associate the accounting data with an amount cited in the 2/AMT/600 segment.</i></p>			
Data Element Summary				
	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
		10	Account Managers Code	
			Identifies the telecommunications manager assigned to this account	
			<i>Use to indicate an accounting code.</i>	
		1Z	Financial Detail Code	
		AX	Government Accounting Class Reference Number (ACRN)	
		FU	Fund Code	
			Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
		P4	Project Code	
		TH	Transportation Account Code (TAC)	
	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	N9 Reference Number	
Position:	290	
Loop:	N9	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier	
Syntax Notes:	1 At least one of N902 or N903 is required. 2 If N906 is present, then N905 is required. 1 N906 reflects the time zone which the time reflects.	
Semantic Notes:		
Comments:		
Notes:	<p><i>1. Use this 1/N9/290 loop to identify various clauses (e.g., Federal Acquisition Regulation (FAR), Defense Federal Acquisition Regulation Supplement (DFARS), General Services Administration Regulation Supplement (GSARS), Department of Veterans Affairs Acquisition Regulation Supplement (VAARS), Agency, or other clauses), Office of Management and Budget (OMB) Circular, special instructions or other references that are applicable to the entire award instrument. If the information varies by line item, use the 2/N9/330 segment.</i></p> <p><i>2. When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date MUST be cited in the following MSG segment.</i></p> <p><i>3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.</i></p>	

Data Element Summary

Must Use	Ref. Des. N901	Data		Attributes M ID 2/2
		Element	Name	
		128	Reference Number Qualifier	
			Code qualifying the Reference Number.	
		5N	Citation of Statute	
			<i>Use to indicate the legislative authorization under which this instrument, e.g., a grant, is awarded. Cite the legislative program title in N903.</i>	
		73	Statement of Work (SOW)	
			Description of a product or service to be procured under a contract; statement of requirements	
		AU	Authorization to Meet Competition No.	
			<i>Use to indicate the FAR part 6 authority for using other than full and open competition.</i>	
		BB	Authorization Number	
			Proves that permission was obtained to provide a service	
			<i>Use to indicate the Code of Federal Regulations.</i>	
		CJ	Clause Number	
			<i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFARS, etc.). Identify the purchasing activity issuing the clause in N903.</i>	
		DF	Defense Federal Acquisition Regulations (DFAR)	
		DX	Department/Agency Number	
			<i>Use to indicate an Agency clause and identify the agency in N903.</i>	

		EC	Circular <i>Use to identify an Office of Management and Budget (OMB) circular number.</i>
		FA	Federal Acquisition Regulations (FAR)
		GS	General Services Administration Regulations (GSAR)
		K7	Paragraph Number <i>Use to indicate information for a contractor. Cite an applicable number in N902 and provide the information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires. An example of the use of this code is a notice to a successful offerer that the Government reserves the right to award the remainder of the line items in the offer within the allowed offer acceptance period.</i>
		KD	Special Instructions Number <i>Use to indicate a special instruction. Indicate the agency or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.</i>
		KY	Site Specific Procedures, Terms, and Conditions A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents
		KZ	Master Solicitation Procedures, Terms, and Conditions A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents <i>Use to indicate the Master Solicitation number that contains applicable terms and conditions.</i>
		VB	Department of Veterans Affairs Acquisition Regulations (VAAR)
		ZZ	Mutually Defined <i>Use to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.</i>
N902	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
N903	369	Free-form Description	X AN 1/45
		Free-form descriptive text	
		1. When N901 is code CJ or DX, use to identify the agency or purchasing activity issuing the clause cited in N902.	
		2. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.	
		3. When N902 cites a FAR or other Progress Payment clause codified within	

48 CFR and the Progress Payment rate is other than the customary rate, cite the words PROGRESS PAYMENT RATE and provide the rate in the following MSG segment.

4. Use of free-form text is discouraged if the information can be provided by some other means within the transaction set.

	N904	373	Date	O DT 6/6
			Date (YYMMDD)	
			<i>Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.</i>	
Not Used	N905	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	N906	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	

Segment:	MSG Message Text		
Position:	300		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1000		
Purpose:	To provide a free form format that would allow the transmission of text information.		
Syntax Notes:			
Semantic Notes:			
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.		
Notes:	<p>1. <i>Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.</i></p> <p>2. <i>When N903 cites the words PROGRESS PAYMENT RATE, use this segment to identify the rate.</i></p> <p>3. <i>This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.</i></p> <p>4. <i>When providing fill-in information, the following format is recommended:</i></p> <p>a) <i>In the first iteration of the segment, cite the clause title, and the clause Alternate identifier with date if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.</i></p> <p>b) <i>For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.</i></p> <p>5. <i>The purpose of the pipe sign () is to provide an indication to receiving applications that the data string related to a single entry has been completed.</i></p> <p><i>An example of a clause with 3 fill-ins follows:</i></p> <p><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I (April 1984) 3 </i> <i>MSG*1. 30 </i> <i>MSG*2. 30 Sep 1995 </i> <i>MSG*3. 15 Jan 1995 </i></p> <p>6. <i>An example alternative format provides all fill-in information within the title MSG segment as follows:</i></p> <p><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984) 3 30 Sep 30, 1995 Jan 15, 1995 </i></p>		

Data Element Summary			
Ref.	Data	Attributes	
Des.	Element	Name	
Must Use	MSG01	933	Free-Form Message Text
			Free-form message text
<p><i>When citing a Progress Payment rate, the rate (percentage) shall be cited as a four position number with two decimal places. Cite 87 percent as 87.00,</i></p>			

Not Used MSG02

934

cite 87.5 percent as 87.50, cite 7.25 percent as 07.25.

Printer Carriage Control Code

O ID 2/2

A field to be used for the control of the line feed of the receiving printer

Segment:	N1 Name	
Position:	310	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	<p>1 At least one of N102 or N103 is required.</p> <p>2 If either N103 or N104 is present, then the other is required.</p>	
Semantic Notes:		
Comments:	<p>1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</p> <p>2 N105 and N106 further define the type of entity in N101.</p>	
Notes:	<p>1. <i>Use this 1/N1/310 loop to identify organizations or locations that apply to all the line items. If the information varies by line item, use the 2/N1/350 loop.</i></p> <p>2. <i>Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.</i></p> <p>3. <i>At least 2 iterations of this segment are REQUIRED using codes BY and SE.</i></p>	

Data Element Summary

Must Use	Ref. <u>Des.</u> N101	Data <u>Element</u>	Name	Attributes	
				M	ID 2/2
		98	Entity Identifier Code	Code identifying an organizational entity, a physical location, or an individual	
		28	Subcontractor		
		31	Postal Mailing Address	<p><i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i></p>	
		44	Data Processing Service Bureau	<p><i>Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i></p>	
		54	Order Writer	<p><i>Individual who receives the product from the customer and prepares the repair order describing work to be performed</i></p> <p><i>Use to indicate activities authorized to place orders against award instruments, e.g., requirements, indefinite quantity, Blanket Purchase Agreements (BPAs), Basic Ordering Agreements (BOAs), etc.</i></p>	
		61	Performed At	<p><i>The facility where work was performed</i></p> <p><i>Use to indicate additional places of performance, if applicable.</i></p>	
		7D	Contracting Officer Representative		
		7E	Party Authorized to Definitize Contract Action		
		7G	Hazardous Material Office	<p><i>Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.</i></p>	

7H	Government Furnished Property FOB Point
7M	Inspection and Acceptance Location <i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>
7N	Party to Receive Proposal <i>Use to indicate the office to receive a proposal for an undefined contract action.</i>
7P	Transportation Office
92	Support Party
	The organization supporting the resolution of an investigation <i>Use to indicate a secondary Contract Administration Office.</i>
AE	Additional Delivery Address <i>Use to indicate a shipment in-place location.</i>
BT	Bill-to-Party <i>Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal Government billed party and not the party the contractor bills. Use is discouraged. Use only when the contractor or other party receiving the order or a copy of the order, needs to receive this information.</i>
BY	Buying Party (Purchaser)
C4	Contract Administration Office
	Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area
C9	Contract Holder <i>Use to indicate the party to whom a contract is awarded if other than the selling party, e.g., The Small Business Administration for a Section 8A award. The contract number awarded by the SBA is cited in BEG06.</i>
CY	Country <i>Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable two position ISO 3166 country code in N404.</i>
DL	Dealer <i>Use to indicate a dealer or reseller of products.</i>
DS	Distributor <i>Use to indicate a distributor of products.</i>
DZ	Delivery Zone Area where the product was delivered <i>1. Use to indicate an area to which deliveries are expected to be made under a requirements or an indefinite delivery type award instrument. Specify the zone in N104 (e.g., 10, 11, 12, etc., must be a minimum of 2 positions) using code ZN in N103 and identify the states or countries that comprise the zone in N402 or N404. The zone number will be cited in CTP10 and</i>

		<i>the price associated with delivery to that zone will be specified in CTP03.</i>
E5	Examiner	<i>Use to indicate a Grant Investigator.</i>
FA	Facility	<i>Use to indicate the principal place of performance when other than the address identified with code SE.</i>
IC	Intermediate Consignee	<i>Use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report	
KA	Item Manager	
	The address of the person responsible for the management of an item of supply	
KF	Audit Office	<i>Use to indicate the Government inventory manager.</i>
	The office performing the audit	
KG	Project Manager	
	The address of the person responsible for the management of a designated project	
	<i>Use to indicate the government party responsible for a project to include the advisor under a Grant.</i>	
KX	Free on Board Point	<i>Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination.</i> <i>Applicable when FOB02 is code KE, KL, or ZZ.</i>
KY	Technical Office	<i>Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.</i>
KZ	Acceptance Location	<i>Use to indicate acceptance is at other than origin or destination.</i>
L1	Inspection Location	
	Place where the item was viewed or inspected	
	<i>Use to indicate the inspection location when it has to be described as an address.</i>	
OI	Outside Inspection Agency	<i>Use to indicate the inspection agency is other than the Contract Administration Office.</i>
PA	Party to Receive Inspection Report	
PC	Party to Receive Cert. of Conformance (C.A.A.)	
PL	Party to Receive Purchase Order	<i>Use to indicate entities other than the contractor that are to receive copies of the award instrument.</i>
PN	Party to Receive Shipping Notice	
PO	Party to Receive Invoice for Goods or Services	<i>Use to indicate where the invoice should be mailed.</i>
PR	Payer	

			Use to indicate the paying office.
	PW	Pick Up Address	
	R6	Requester	Use to indicate the requesting agency/activity.
	RI	Remit To	Use to indicate the place to send payment if it is different from the contractor's address, e.g., a bank, financial office location, etc.
	SE	Selling Party	Use to indicate the party receiving the award. If the award is for a Section 8a contract, also use code C9 to identify the Small Business Administration (SBA).
	SM	Party to Receive Shipping Manifest	
	ST	Ship To	If the address is an FPO or APO, use the appropriate code in N101, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.
	SV	Service Performance Site	Service Performance Site When services are contracted for, this describes the organization for whom or location address at which those services will be performed
	TQ	Third Party Reviewing Organization (TPO)	Use to indicate the location where a service, e.g., grass cutting, is to be performed or where service for a product can be obtained.
	TS	Party to Receive Certified Test Results	Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.
	X2	Party to Perform Packaging	
	Z7	A party responsible for packaging an item after it has been produced	
		Mark-for Party	
	ZD	The party for whom the needed material is intended	
		Party to Receive Reports	
		The organization designated to receive reports	
N102	93	Name	X AN 1/35
		Free-form name	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		<i>While the Federal Electronic Data Interchange (EDI) program uses the Data Universal Numbering System (DUNS) number, other Government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>	
	1	D-U-N-S Number, Dun & Bradstreet	
		<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	

	10	Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a Department of Defense or Civilian Agency Activity Address Code.</i>	
	33	Commercial and Government Entity (CAGE)	
	A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity	
	ZN	Zone <i>When N101 is code DZ, use to indicate a delivery zone.</i>	
N104	67	Identification Code Code identifying a party or other code <i>When N103 is code ZN, cite one of the following:</i>	X AN 2/20
		<i>a. A delivery zone designation, e.g., 01, 10, 1a, etc.</i>	
		<i>b. The word "CONUS" to specify all points within the continental United States that are not otherwise identified within a zone.</i>	
		<i>c. The word "WORLD" to specify all points outside the continental United States that are not otherwise identified within a zone.</i>	
Not Used	N105	706 Entity Relationship Code Code describing entity relationship	O ID 2/2
Not Used	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	O ID 2/2

Segment: **N2** Additional Name Information
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

Must Use	Ref. <u>Des.</u>	Data			<u>Attributes</u>
		<u>Element</u>	<u>Name</u>		
	N201	93	Name Free-form name		M AN 1/35
	N202	93	Name Free-form name		O AN 1/35

Segment:

N3 Address Information

Position:

330

Loop:

N1 Optional

Level:

Heading

Usage:

Optional

Max Use:

2

Purpose:

To specify the location of the named party

Syntax Notes:

Semantic Notes:

Comments:

Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

Must Use	Ref. <u>Des.</u>	Data		<u>Attributes</u>
		<u>Element</u>	<u>Name</u>	
	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment:	N4 Geographic Location		
Position:	340		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify the geographic place of the named party		
Syntax Notes:	1 If N406 is present, then N405 is required.		
Semantic Notes:			
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.		
Notes:	<p>1. <i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i></p> <p>2. <i>When N101 is code DZ and N104 does not cite the words "CONUS" or "WORLD", this segment may be used to identify locations within a delivery zone and the FOB point if it varies by delivery zone or locations within a delivery zone.</i></p>		

Data Element Summary

Ref.	Data	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>
N401	19	City Name Free-form text for city name
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)
N404	26	Country Code Code identifying the country <i>Cite the two position ISO 3166 country code.</i>
N405	309	Location Qualifier Code identifying type of location <i>1. When N101 is code DZ and the 1/FOB/080 segment is not used to identify the FOB point, use to specify the FOB point for a delivery zone or for a location within a zone.</i> <i>2. When N101 is code ST, use to specify an APO or FPO location, if applicable.</i>

AR	Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).</i>
DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZN	Zone Code Qualifies a code that identifies a geographic area where transportation rates apply <i>When it is necessary to associate the entity identified in N101 with a delivery zone, use this code in conjunction with an appropriate N101 code (eg, DL, DS, SV, etc).</i>
ZZ	Mutually Defined

Use to indicate an FOB point other than origin or destination. Identify the FOB point in N406.

N406 310 Location Identifier O AN 1/30

Code which identifies a specific location

1. *When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).*
2. *When N405 is code ZZ, use to identify the location of the other FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.*
3. *When N405 is code ZN, use to identify a delivery zone associated with the entity identified in N101. Identify the delivery zone using the same zone number or keyword specified in establishing the zone.*

Segment:	REF Reference Numbers	
Position:	350	
Loop:	N1	Optional
Level:		Heading
Usage:		Optional
Max Use:	12	
Purpose:	To specify identifying numbers.	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		
Notes:	<p>1. Use this segment to identify reference numbers applicable to a ship-to location, i.e., when N101 is code ST. The number cited can be a reference number or code used in place of financial accounting data, e.g., an ACRN, fund code, etc.; a transportation control number; a GBL number; a requisition number; or the financial accounting number.</p> <p>2. Use also to identify major subdivisions and lower levels within the selling party's organization and also to provide a special price authorization number, if applicable.</p>	

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes
	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
		10	Account Managers Code	
			Identifies the telecommunications manager assigned to this account	
			<i>Use to indicate an accounting code.</i>	
		19	Division Identifier	
			<i>Use to indicate the major subdivision name of the organization identified in N101. For example, School of Engineering or Adhesive Products Division. Cite the name in REF03.</i>	
		1Z	Financial Detail Code	
		9B	Repriced Line Item Reference Number	
			<i>1. Use to indicate a special price authorization number.</i>	
			<i>2. When used, code 1A should be used in PER01 in the 1/PER/360 segment and code SPC should be used in CTP02 in the 2/CTP/040 segment within the PO1 loop of the line items that are authorized a special price.</i>	
		AT	Appropriation Number	
			<i>When used, cite the number in REF03.</i>	
		AX	Government Accounting Class Reference Number (ACRN)	
		BL	Government Bill of Lading	
		DP	Department Number	
			<i>Use to indicate the department, service, laboratory, or equivalent level within the major subdivision name (code 19) of the organization. For example, Department of Industrial Engineering or Sales Department. Cite the name in REF03.</i>	
		FU	Fund Code	
			Defense Fuel Supply Center to bill back fuel purchases	

		IL	to the appropriate service or agency account fund Internal Order Number
		P4	<i>Use to indicate the requisition number (MILSTRIP/FEDSTRIP document) number.</i>
		TG	Project Code
		TH	Transportation Control Number (TCN)
			Transportation Account Code (TAC)
REF02	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
REF03	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>When REF01 is code AT, use to identify the appropriation number.</i>	

Segment:	PER Administrative Communications Contact		
Position:	360		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To identify a person or office to whom administrative communications should be directed		
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.		
Semantic Notes:			
Comments:			
Notes:	<i>Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.</i>		

Data Element Summary				
Ref.	Data	Element	Name	Attributes
Must Use	Des.	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			<i>Use to identify the various individuals who can be contacted regarding specific areas of this award instrument.</i>	
		1A	Review/Repricing Contact	<p><i>1. When N101 is code SE, use to indicate an individual who authorized a one time special price for line items in this award instrument, e.g., a spot pricing reduction from an existing contract or catalog price. In this instance, PER02 MUST be used.</i></p> <p><i>2. When used, cite a special price authorization number in the 1/REF/350 segment citing code 9B in REF01 and use the 2/CTP/040 segment in the PO1 loop of the line items authorized the special price citing code SPC in CTP02.</i></p>
		AC	Administrative Contracting Officer	<i>Use in conjunction with N101 code C4.</i>
		AT	Material Safety Data Sheet Contact	<i>Use in conjunction with N101 code 44.</i>
		AV	Advisor	<i>Use in conjunction with N101 code KG to indicate the Government party who will work with the contractor on basic R&D efforts in a particular science area.</i>
		BD	Buyer Name or Department	<p><i>1. Includes Grants Management Specialists.</i></p> <p><i>2. Use in conjunction with N101 code BY</i></p>
		CD	Contract Contact	<i>Use in conjunction with N101 code 7D to indicate a Contracting Officer's Representative.</i>
		CN	General Contact	<i>When N101 is code ST, use to indicate the accepting official at destination.</i>
		HM	Hazardous Material Contact	<i>Use in conjunction with N101 code 7G.</i>
		IC	Information Contact	

			<i>Use in conjunction with an applicable N101 code to indicate an information point of contact when no other code applies.</i>
	NT		Notification Contact
	PC		<i>When N101 is code ST and LDT01 in the 1/LDT/160 segment cites code AI, use to indicate the party to be contacted for shipping instructions.</i>
	PP		Purchasing Contracting Officer (PCO) Person to whom a warrant has been issued authorizing that person to obligate funds on behalf of the government <i>1. Includes Grants/Contract Project Officer.</i> <i>2. Use in conjunction with N101 code BY.</i>
	QR		Program Manager <i>1. Includes Grants Project Officer</i> <i>2. Use in conjunction with N101 code KG</i>
	RE		Ordering Officer An individual authorized to place orders against existing contracts <i>When N101 is code 54, use to indicate persons within an activity authorized to place orders against award instruments.</i>
	SI		Receiving Contact <i>When N101 is code ST and LDT01 in the 1/LDT/160 segment cites code AI, use to indicate the party to be contacted for to schedule a shipment.</i>
	SU		Investigator <i>Use in conjunction with N101 code SE to indicate the party designated as the principal investigator within the selling party's organization.</i>
	TA		Supplier Contact <i>Use in conjunction with N101 code SE to indicate a contact within the selling party's organization.</i>
			Traffic Administrator <i>Use in conjunction with N101 code 7P to indicate a transportation officer, i.e., the party who can be contacted for a bill of lading or transportation information.</i>
PER02	93	Name	O AN 1/35
		Free-form name	
			<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>
PER03	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
	AU	Defense Switched Network	
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
	EM	Electronic Mail	
	FX	Facsimile	
	IT	International Telephone	

			<i>Include the country code.</i>
		TE	Telephone
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER04	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
			<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
PER05	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
			<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i>
	AU	Defense Switched Network	
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
	EM	Electronic Mail	
	EX	Telephone Extension	
			<i>Use only if PER03 is used citing either code AU or TE.</i>
	FX	Facsimile	
	IT	International Telephone	
			<i>Include the country code.</i>
	TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER06	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
			<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
PER07	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
			<i>Use to indicate a third communications number for the party cited in PER02.</i>
	AU	Defense Switched Network	
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
	EM	Electronic Mail	
	EX	Telephone Extension	
			<i>Use only if PER05 is used citing either AU or TE.</i>
	FX	Facsimile	
	IT	International Telephone	
			<i>Include country code.</i>
	TE	Telephone	
			<i>Used to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER08	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
			<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>

PER09

443

Contact Inquiry Reference

O AN 1/20

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the party cited in PER02.

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)		
Position:	390		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	12		
Purpose:	To specify the carrier and sequence of routing and provide transit time information		
Syntax Notes:	<p>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</p> <p>2 If TD502 is present, then TD503 is required.</p> <p>3 If TD507 is present, then TD508 is required.</p> <p>4 If TD510 is present, then TD511 is required.</p>		
Semantic Notes:			
Comments:	<p>1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.</p>		
Notes:	<p><i>Use this 1/TD5/390 segment when the transportation method is the same for all line items being shipped to a named entity. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/430 segment when the information is applicable to a named entity.</i></p>		

Data Element Summary				
	Ref.	Data		Attributes
	Des.	Element	Name	
Not Used	TD501	133	Routing Sequence Code	O ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement	
	TD502	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		10	Department of Defense Activity Address Code (DODAAC)	
			<i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	
	TD503	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
	TD504	91	Transportation Method/Type Code	X ID 1/2
			Code specifying the method or type of transportation for the shipment	
		1.	<i>Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
			D Parcel Post	
			<i>Use to indicate the U.S. Postal Service and not a private carrier.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	TD505	387	Routing	X AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used	TD506	368	Shipment/Order Status Code	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
Not Used	TD507	309	Location Qualifier	O ID 1/2
			Code identifying type of location	
Not Used	TD508	310	Location Identifier	X AN 1/30
			Code which identifies a specific location	
Not Used	TD509	731	Transit Direction Code	O ID 2/2

850 Purchase Order

			The point of origin and point of direction	
Not Used	TD510	732	Transit Time Direction Qualifier	O ID 2/2
			Code specifying the value of time used to measure the transit time	
Not Used	TD511	733	Transit Time	X R 1/4
			The numeric amount of transit time	
	TD512	284	Service Level Code	X ID 2/2
			Code defining service	
			<i>Use any code other than code ZZ.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position: 410
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:
 1 At least one of TD401 TD402 or TD404 is required.
 2 If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

Notes:

Use this 1/TD4/410 segment to identify special handling or hazardous material information that is the same for all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/450 segment if the information is applicable to a named entity.

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attributes
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions <i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	
		<i>AMM A.M. Delivery Requirement</i> <i>DA Dangerous</i> <i>EP Expedite</i> <i>EX Explosive Flammable Gas</i> <i>FG Flammable Gas</i> <i>FL Flammable</i> <i>FP Flammable Poison Gas</i> <i>HM Endorsed as Hazardous Material</i> <i>LT Less Than Full Carload</i> <i>LT Less Than Truckload</i> <i>NC Notify Consignee before Delivery</i> <i>PG Poisonous Gas</i> <i>PMM P.M. Delivery Requirement</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209) <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

Segment:	PKG Marking, Packaging, Loading		
Position:	420		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	200		
Purpose:	To describe marking, packaging, loading, and unloading requirements		
Syntax Notes:	<p>1 At least one of PKG04 PKG05 or PKG06 is required.</p> <p>2 If PKG04 is present, then PKG03 is required.</p> <p>3 If PKG05 is present, then PKG01 is required.</p>		
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.		
Comments:	<p>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</p> <p>2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used.</p> <p>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</p> <p>4 Special marking or tagging data can be given in PKG05 (description).</p>		
Notes:	<p>1. <i>Use this 1/PKG/420 segment when the packaging requirements are the same for all of the line items to be delivered to a named entity. If the packaging requirements vary by line item, use the 2/PKG/300 segment or the 2/PKG/460 segment if the packaging requirements are applicable to a named entity.</i></p> <p>2. <i>Packaging information such as the number of items in a unit container, the number of unit containers in a intermediate container, and the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.</i></p>		

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify the applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		HM Hazardous Material	
		IC Intermediate Container	
		LP Level Of Preservation	
		OPI Optional Procedure Indicator	
		PK Packing	
		<p><i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments.</i></p> <p><i>When standard commercial packaging per ASTM D 3951 is acceptable, cite MIL-STD 2073-2C code X in</i></p>	

			PKG04.
		PM	Preservation Method
		PML	Preservation Material
		SMK	Special Marking
		UC	Unit Container
		UCL	Unit Container Level
		WM	Wrapping Material
PKG03	559	Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		DF	Department of Defense (DoD)
		GS	General Services Administration (GSA)
			Responsible for Federal Specification
		ZZ	Mutually Defined
			<i>Use to indicate a federal activity other than DoD or GSA.</i>
PKG04	754	Packaging Description Code	X AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	
			<i>1. The actual codes associated with the packaging characteristic codes in PKG02 can be found in Code Source List 197 (MIL-STD 2073-2C).</i>
			<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).</i>
			<i>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide the supplementary or special requirements.</i>
			<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>
			<i>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>
PKG05	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
			<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>
			<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>
Not Used	PKG06	Unit Load Option Code	X ID 2/2
		Code identifying loading or unloading a shipment	

Segment: **LM** Code Source Information
Position: 430
Loop: LM Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments:

Notes:

1 LM02 identifies the applicable industry code list source information.

Use this loop to provide data that cannot be provided by other means within this transaction set, e.g., field contract administration office data.

Data Element Summary

Must Use	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attributes	
	LM01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values <i>Use any code other than code ZZ. Use code DF to indicate the Department of Defense in preference to code DD.</i> Refer to 003050 Data Element Dictionary for acceptable code values.		
	LM02	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier <i>When LQ01 is code ZZ, identify the code list that contains the code cited in LQ02.</i>		

Segment: **LQ** Industry Code
Position: 440
Loop: LM Optional
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
	LQ01	1270 Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		2	Type of Business Code
			The classification of a contractor's business
			<i>Use to indicate the contractor's type of business classification, e.g., small disadvantaged business, hospital, etc.</i>
		6	Special Contract Provision Code
			Certain contract clauses and provisions that require special attention
			<i>Use to indicate special clauses that apply to the award instrument.</i>
		7	Quality Assurance Site Code
			The site at which quality assurance is performed
			<i>Use to indicate the inspection point.</i>
		9	Indicator Code
			A specific condition applies to the contract
			<i>Use to indicate specific conditions that apply to the award instrument.</i>
		A9	Supplementary Address
			Identifies the originating organization's unique logistics information
		ZZ	Mutually Defined
			<i>Use to indicate that a code list is identified in LM02.</i>
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	
			<i>1. Use to cite a code from the code list identified by the qualifier in LQ01.</i>
			<i>2. When LQ01 is code ZZ, use to cite a code from the code list identified in LM02.</i>

Segment: **SPI** Specification Identifier
Position: 450
Loop: SPI Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To provide a description of the included specification or technical data items
Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:
Comments:
Notes:

This loop is used to carry the security information which is normally provided in the Department of Defense Contract Security Classification Specification (DD Form 254). All data contained in this loop is applicable to the DD Form 254.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	SPI01	786	Security Level Code	M ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following	
			<i>Use to identify the highest level of safeguarding required for the data associated with the award instrument.</i>	
		92	Government Confidential	
		93	Government Secret	
		94	Government Top Secret	
	SPI02	128	Reference Number Qualifier	X ID 2/2
			Code qualifying the Reference Number.	
			<i>Use to identify the award instrument number applicable to the Contract Security Classification Specification.</i>	
		CT	Contract Number	
	SPI03	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
Not Used	SPI04	790	Entity Title	O AN 1/132
			Title of the data entity	
Not Used	SPI05	791	Entity Purpose	O AN 1/80
			The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	
Not Used	SPI06	792	Entity Status Code	O ID 1/1
			Code indicating the current status of the data item specified by the electronic data item	
	SPI07	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction set	
			<i>Use to identify the type of Contract Security Classification Specification being issued.</i>	
		00	Original	
		04	Change	
			<i>Use to indicate a revised Contract Security Classification Specification.</i>	
		20	Final Transmission	
			<i>Use to indicate a final Contract Security Classification Specification.</i>	
	SPI08	755	Report Type Code	O ID 2/2
			Code indicating the title or contents of a document, report or supporting item	

SF Contract Security Classification Specification			
SPI09	786	Security Level Code	O ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the information following	
		<i>Use to indicate the facility clearance level required for the award instrument.</i>	
		92	Government Confidential
		93	Government Secret
		94	Government Top Secret
Not Used	SPI10	559	Agency Qualifier Code
			Code identifying the agency assigning the code values
Not Used	SPI11	822	Source Subqualifier
			A reference that indicates the table or text maintained by the Source Qualifier
Not Used	SPI12	554	Assigned Number
			Number assigned for differentiation within a transaction set
Not Used	SPI13	1322	Certification Type Code
			Code indicating the type of certification
Not Used	SPI14	1401	Proposal Data Detail Identifier Code
			Code identifying the basis of a cited value in a proposal

Segment:	REF Reference Numbers		
Position:	460		
Loop:	SPI Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	5		
Purpose:	To specify identifying numbers.		
Syntax Notes:	1 At least one of REF02 or REF03 is required.		
Semantic Notes:			
Comments:			
Notes:	<i>Use to identify reference numbers applicable to the Contract Security Classification Specification.</i>		

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			3X Subcontract Number	
			KS Solicitation	
			YB A discreet number assigned by the purchasing activity to differentiate between different solicitations	
			YB Revision Number	
			<i>When SPI07 is code 04, use to indicate the revision number of the Contract Security Classification Specification.</i>	
	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **DTM** Date/Time Reference
Position: 470
Loop: SPI Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify pertinent dates and times
Syntax Notes:
 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Use to identify dates applicable to the Contract Security Classification Specification.

Data Element Summary					
	Ref.	Data	Name	Attributes	
Must Use	Des.	Element			
	DTM01	374	Date/Time Qualifier	M ID 3/3	
			Code specifying type of date or time, or both date and time		
		036	Expiration		
			Date coverage expires		
			<i>When SPI02 is code CT, use to indicate the expiration date of the award instrument.</i>		
		165	Final Issue		
			<i>When SPI07 is code 20, use to indicate the date of the final Contract Security Classification Specification.</i>		
		171	Revision		
			<i>When SPI07 is code 04, use to indicate the date of the revised Contract Security Classification Specification.</i>		
		334	Re-evaluation Date		
			The date on which the student's placement in special education or other programs will be re-assessed		
			<i>Use to indicate the biennial review date of the Contract Security Classification Specification.</i>		
		703	Original Transaction		
			<i>When SPI07 is code 00, use to indicate the date of the original Contract Security Classification Specification.</i>		
	DTM02	373	Date	X DT 6/6	
			Date (YYMMDD)		
Not Used	DTM03	337	Time	X TM 4/8	
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	Time Code	O ID 2/2	
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	Century	O N0 2/2	
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3	
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	Date Time Period	X AN 1/35	
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	MSG Message Text		
Position:	480		
Loop:	SPI Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	50		
Purpose:	To provide a free form format that would allow the transmission of text information.		
Syntax Notes:			
Semantic Notes:			
Comments:	1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.		
Notes:	<p>1. <i>Use to provide information applicable to the Contract Security Classification Specification, e.g., a general identification of the award, or security guidance in clear text.</i></p> <p>2. <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>		
Data Element Summary			
	Ref.	Data	
	Des.	Element	Name
Must Use	MSG01	933	Free-Form Message Text Free-form message text
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer
			Attributes
			M AN 1/264
			O ID 2/2

Segment:	N1 Name		
Position:	490		
Loop:	N1	Optional	
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	<p>1 At least one of N102 or N103 is required.</p> <p>2 If either N103 or N104 is present, then the other is required.</p>		
Semantic Notes:			
Comments:	<p>1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</p> <p>2 N105 and N106 further define the type of entity in N101.</p>		
Notes:	<p><i>1. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.</i></p> <p><i>2. The addresses cited in this loop are applicable to the Contract Security Classification Specification.</i></p> <p><i>3. If the address is an FPO or APO, cite the appropriate code in N101, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i></p>		

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes	
	N101	98	Entity Identifier Code	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			28	Subcontractor	
			61	Performed At	
				The facility where work was performed	
				<i>Use to indicate the actual place of performance.</i>	
		B2	Other Unlisted Type of Organizational Entity		
				An organization, e.g., a business, the description of which cannot be accomplished using the existing code list and for which the trading partners have not mutually agreed to a definition for it	
				<i>Use to indicate an unlisted entity to whom distribution of the Contract Security Classification Specification is to be made.</i>	
		C4	Contract Administration Office		
				Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area	
			K1	Contractor Cognizant Security Office	
			K2	Subcontractor Cognizant Security Office	
			K3	Place of Performance Cognizant Security Office	
			K4	Party Authorizing Release of Security Information	
			K5	Party To Receive Contract Security Classification Specification	
			KG	Project Manager	

			The address of the person responsible for the management of a designated project <i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i>	
		KI	United States Overseas Security Administration Office	
		OI	Outside Inspection Agency <i>Use to indicate another entity that has inspection responsibilities.</i>	
		PG	Prime Contractor	
		PV	Party performing certification	
N102	93	Name	X AN 1/35	
		Free-form name		
N103	66	Identification Code Qualifier	X ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)		
			<i>While the Federal EDI program uses the DUNS number, other Government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>	
		1	D-U-N-S Number, Dun & Bradstreet <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		10	Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a Department of Defense or Civilian Agency Activity Address Code.</i>	
		33	Commercial and Government Entity (CAGE)	
N104	67	Identification Code	X AN 2/20	
		Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	O ID 2/2

Segment:	N2 Additional Name Information		
Position:	500		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify additional names or those longer than 35 characters in length		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>		

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
		<u>Des.</u>	<u>Element</u>	
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
	N202	93	Name	O AN 1/35
			Free-form name	

Segment:	N3 Address Information
Position:	510
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

Data Element Summary

Must Use	Ref. <u>Des.</u>	Data		<u>Attributes</u>
		<u>Element</u>	<u>Name</u>	
	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment:	N4 Geographic Location		
Position:	520		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the geographic place of the named party		
Syntax Notes:	1 If N406 is present, then N405 is required.		
Semantic Notes:			
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.		
Notes:	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>		

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country	O ID 2/3
N405	309	Location Qualifier Code identifying type of location	X ID 1/2
		AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).</i>	
N406	310	Location Identifier Code which identifies a specific location <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	O AN 1/30

Segment:	G61 Contact
Position:	540
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a person or office to whom communications should be directed
Syntax Notes:	1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:	
Comments:	1 G6103 qualifies G6104.
Notes:	<i>Use this 1/G61/540 segment to provide names associated with addresses contained in the G6103 and G6104 segments.</i>

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	G6101	366 Contact Function Code Code identifying the major duty or responsibility of the person or group named CE Certifier PP Program Manager	M ID 2/2
Must Use	G6102	93 Name Free-form name <i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. G6105 may be used to cite the party's title or office symbol.</i>	M AN 1/35
	G6103	365 Communication Number Qualifier Code identifying the type of communication number AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FX Facsimile IT International Telephone TE Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	X ID 2/2
	G6104	364 Communication Number Complete communications number including country or area code when applicable <i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	X AN 1/80
	G6105	443 Contact Inquiry Reference Additional reference number or description to clarify a contact number <i>Use to provide the title or the office symbol of the party cited in G6102.</i>	O AN 1/20

Segment:	MSG Message Text				
Position:	550				
Loop:	N1	Optional			
Level:	Heading				
Usage:	Optional				
Max Use:	50				
Purpose:	To provide a free form format that would allow the transmission of text information.				
Syntax Notes:					
Semantic Notes:					
Comments:	1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.				
Notes:	<p>1. <i>Use this segment to provide plain text information applicable to the entity cited in the preceding N1 segment.</i></p> <p>2. <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>				
Data Element Summary					
	Ref.	Data			
	Des.	Element	Name		
Must Use	MSG01	933	Free-Form Message Text		
			Free-form message text		
Not Used	MSG02	934	Printer Carriage Control Code		
			A field to be used for the control of the line feed of the receiving printer		
			Attributes		
			M AN 1/264		
			O ID 2/2		

Segment:	CB1 Contract and Cost Accounting Standards Data		
Position:	560		
Loop:	CB1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify contract and cost accounting standards data		
Syntax Notes:			
Semantic Notes:			
Comments:			
Notes:	<i>Use this segment to identify the access required to specific data and information in the performance of the contract and to identify the actions required of and authorizations provided to the contractor under the award instrument.</i>		

Data Element Summary

Must Use	Ref. <u>Des.</u>	Data	Attributes	
		Element	Name	
	CB101	1309	Acquisition Data Code	M ID 2/2
			Code identifying acquisition data	
		18	Access to Communications Security Information Required	
		19	Access to Communication Security Information Not Required	
		20	Access to Restricted Data Required	
		21	Access to Restricted Data Not Required	
		22	Access to Critical Nuclear Weapon Design Information Required	
		23	Access to Critical Nuclear Weapon Design Information Not Required	
		24	Access to Formerly Restricted Data Required	
		25	Access to Formerly Restricted Data Not Required	
		26	Access to Sensitive Compartmented Information Required	
		27	Access to Sensitive Compartmented Information Not Required	
		28	Access to Non-sensitive Compartmented Information Required	
		29	Access to Non-sensitive Compartmented Information Not Required	
		30	Access to Special Access Information Required	
		31	Access to Special Access Information Not Required	
		32	Access to North Atlantic Treaty Organization Information Required	
		33	Access to North Atlantic Treaty Organization Information Not Required	
		34	Access to Foreign Government Information Required	
		35	Access to Foreign Government Information Not Required	
		36	Access to Limited Dissemination Information Required	
		37	Access to Limited Dissemination Information Not Required	
		38	Access to For Official Use Only Information Required	
		39	Access to For Official Use Only Information Not Required	
		40	Access to Other Type of Information Required	
		41	Access to Other Type of Information Not Required	

42	Contractor Will Have Access to United States Classified Information at another Contractor's Facility or a Government Activity
43	Contractor Will Not Have Access to United States Classified Information at another Contractor's Facility or a Government Activity
44	Contractor Will Receive Classified Documents Only
45	Contractor Will Not Receive Classified Documents Only
46	Contractor Will Receive or Generate Classified Material
47	Contractor Will Not Receive or Generate Classified Material
48	Contractor Will Fabricate, Modify, or Store Classified Hardware
49	Contractor Will Not Fabricate, Modify, or Store Classified Hardware
50	Contractor Will Perform Services Only
51	Contractor Will Not Perform Services Only
52	Contractor Will Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
53	Contractor Will Not Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
54	Contractor Will Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center
55	Contractor Will Not Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center
56	Contractor Will Require a Communications Security Account
57	Contractor Will Not Require a Communications Security Account
58	Contractor Will Have Tempest Requirements
59	Contractor Will Not Have Tempest Requirements
60	Contractor Will Have Operations Security Requirements
61	Contractor Will Not Have Operations Security Requirements
62	Contractor Will Be Authorized to use the Defense Courier Service
63	Contractor Will Not Be Authorized to use the Defense Courier Service
64	Contractor Will Have some other Authorization in the Performance of the Contract
65	Contractor Will Not Have some other Authorization in the Performance of the Contract
66	Facility Clearance Required
67	Facility Clearance Not Required
68	Follow-on Contract
69	Not a Follow-on Contract
70	Final Contract Security Classification Specification
71	Not a Final Contract Security Classification Specification
72	Direct Public Release Authorized
73	Direct Public Release Not Authorized

74	Additional Materials being Forwarded
75	No Additional Materials being Forwarded
76	Additional Requirements Established
77	Additional Requirements Not Established
78	Elements of the Contract are outside the Inspection Responsibility of the Cognizant Security Office
79	No Element of the Contract Is Outside the Inspection Responsibility of the Cognizant Security Office
80	Contractor Distribution Required
81	Contractor Distribution Not Required
82	Subcontractor Distribution Required
83	Subcontractor Distribution Not Required
84	Cognizant Security Office for Prime and Subcontractor Distribution Required
85	Cognizant Security Office for Prime and Subcontractor Distribution Not Required
86	United States Activity Responsible for Overseas Security Administration Distribution Required
87	United States Activity Responsible for Overseas Security Administration Distribution Not Required
88	Administrative Contracting Office Distribution Required
89	Administrative Contracting Office Distribution Not Required
90	Other Distribution Required
91	Other Distribution Not Required

Not Used CB102 1310 Financing Type Code O ID 1/1
 Code identifying the type of contract financing required by the submitter of a pricing proposal

Segment:	REF Reference Numbers				
Position:	570				
Loop:	CB1	Optional			
Level:	Heading				
Usage:	Optional				
Max Use:	20				
Purpose:	To specify identifying numbers.				
Syntax Notes:	1 At least one of REF02 or REF03 is required.				
Semantic Notes:					
Comments:					
Notes:	<p><i>Use this 1/REF/570 segment to provide reference numbers associated with access information contained in the Contract Security Classification Specification (DD Form 254).</i></p>				

Data Element Summary				
	Ref.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
		43	Supporting Document Number	
			Supports or clarifies information and values represented in a document	
			<i>Use to indicate a reference (paragraph number or section) that contains additional information applicable to the DD Form 254. Cite the reference in REF02 and identify the document in REF03.</i>	
		KL	Contract Reference	
			<i>Use to indicate a clause in the award instrument that contains additional security requirements or unique inspection requirements.</i>	
		KU	Office Symbol	
			A number assigned for reference to a specific office within an organization	
			<i>When CB101 is code 90, use to indicate the office symbol to which additional distribution of the Contract Security Classification Specification (DD Form 254) is required.</i>	
		P1	Previous Contract Number	
			<i>When CB101 is code 68, use to indicate the preceding procurement instrument number under which classified data was received or generated.</i>	
	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. When REF01 is code 43, use to identify the document that contains the paragraph number or section where the applicable information is located.</i>	
			<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

Segment: **DTM** Date/Time Reference
Position: 580
Loop: CB1 Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify pertinent dates and times
Syntax Notes:
 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary					
	<u>Ref.</u>	<u>Data</u>			<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	DTM01	374	Date/Time Qualifier		M ID 3/3
			Code specifying type of date or time, or both date and time		
		992	Date Requested		
			<i>When CB101 is code 70, use to indicate the date of a contractor's request to retain classified material.</i>		
	DTM02	373	Date		X DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	Time		X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	Time Code		O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	Century		O NO 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	Date Time Period Format Qualifier		X ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	Date Time Period		X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment: **LDT** Lead Time
Position: 590
Loop: CB1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.

Data Element Summary						
	Ref.	Data	Element	Name	Attributes	
Must Use	Des.	345	LDT01	Lead Time Code	M	ID 2/2
				Code indicating the time range		
				BA	From Date of Award to Expiration Date of Authorization	
					<i>Use to indicate the authorized period for a contractor to retain classified materials.</i>	
Must Use	LDT02	380	Quantity		M	R 1/15
				Numeric value of quantity		
Must Use	LDT03	344	Unit of Time Period or Interval		M	ID 2/2
				Code indicating the time period or interval		
				CY	Calendar Year	
				DA	Calendar Days	
				MO	Month	
				WK	Weeks	
Not Used	LDT04	373	Date		O	DT 6/6
				Date (YYMMDD)		

Segment: **MSG** Message Text

Position: 600

Loop: CB1 Optional

Level: Heading

Usage: Optional

Max Use: 50

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes:**Semantic Notes:****Comments:**

1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

1. *When CB101 is code 74, 76, or 78, use to provide additional clear text information.*

2. *Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

Segment:	PO1 Baseline Item Data	
Position:	010	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify basic and most frequently used line item data	
Syntax Notes:	<ol style="list-style-type: none"> 1 If PO103 is present, then PO102 is required. 2 If PO105 is present, then PO104 is required. 3 If either PO106 or PO107 is present, then the other is required. 4 If either PO108 or PO109 is present, then the other is required. 5 If either PO110 or PO111 is present, then the other is required. 6 If either PO112 or PO113 is present, then the other is required. 7 If either PO114 or PO115 is present, then the other is required. 8 If either PO116 or PO117 is present, then the other is required. 9 If either PO118 or PO119 is present, then the other is required. 10 If either PO120 or PO121 is present, then the other is required. 11 If either PO122 or PO123 is present, then the other is required. 12 If either PO124 or PO125 is present, then the other is required. 	
Semantic Notes:		
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 PO101 is the line item identification. 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU. 	
Notes:	<ol style="list-style-type: none"> 1. Use this PO1 loop to identify all information applicable to the line item or service being awarded. 2. In those rare instances where Table 2 information is not required, e.g., if an Agreement has no detail information, only PO101 is required to be transmitted. In that instance, cite the word "NONE" in PO101. 	

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
PO101	350	Assigned Identification	O AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set	
		1. Use to identify the Contract Line Item Number (CLIN), the Sub Contract Line Item Number (SUBCLIN), or the Exhibit Line Item Number (ELIN), if one is assigned.	
		2. If Table 2 data is not required, Cite the word "NONE".	
PO102	330	Quantity Ordered	X R 1/9
		Quantity ordered	
		1. Use to specify the quantity applicable to the line item. Step ladder quantities applicable to requirements or indefinite quantity award instruments and the related prices are carried in the 2/CTP/040 segment.	
		2. Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.	
PO103	355	Unit or Basis for Measurement Code	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code.	
		2. Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.	

3. An application program conversion table may be required to convert agency codes to ASC X12 codes.

SX Shipment

Use when PO101 is a CLIN for transportation charges.

ZZ Mutually Defined

Use to indicate a Job or a Task.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO104

212

Unit Price

X R 1/17

Price per unit of product, service, commodity, etc.

1. When PO105 is either code NC, NS, or TB, enter the number 0.

2. For IDC and similar award instruments, the unit price shall be based on standard commercial packaging and preservation. Use the 2/CTP/040 to identify prices for additional levels of packaging and preservation.

3. For IDC and similar award instruments that include zone pricing, this data element shall not be used. The unit price applicable to the individual zone shall be cited in the CTP segment.

PO105

639

Basis of Unit Price Code

O ID 2/2

Code identifying the type of unit price for an item

ES Estimated

FB Fabrication Cost

Use to indicate the price includes the incorporation of Government Furnished Property (GFP) into the item.

KA Price with Government Furnished Property

Use to indicate that the price of the item includes the use of GFP, e.g., special tooling, special test equipment, production machinery, etc., to manufacture the item.

NC No Charge

NE Not to Exceed

NS Not Separately Priced

Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.

TB To be negotiated.

PO106

235

Product/Service ID Qualifier

X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. PO106 through PO125 are used in pairs, e.g., PO106 contains a qualifier code and PO107 contains data related to the code.

2. Any code, other than code ZZ, can be used, but the listed codes are preferred.

A8 Exhibit Line Item Number

AK Refined Product Code

CG Commodity Grouping

Use to indicate a commodity code, e.g., the 2 position Federal Supply Group code.

CH Country of Origin Code

When used, cite the two position ISO 3166 country code in the following 234 data element.

CL Color

EF Exhibit Identifier

Use to indicate the letter assigned to an exhibit.

F1 Catalog Number

Use to indicate a catalog number that identifies the product.

F7 End-Item Description

Use to indicate the end item to which the ordered item applies.

F8 Next Higher Used Assembly

Use to indicate the next higher assembly to which the ordered item applies.

FS National Stock Number

The NSN shall be transmitted without dashes.

FT Federal Supply Classification

Use to indicate the 4 position Federal Supply Classification code or Product Service code

IN Buyer's Item Number

Use to indicate a locally assigned code for a product or service whenever stock number does not apply.

KA Engineering Data List

Use to indicate the Engineering Data List that contains technical information related to the CLIN or SUBCLIN.

KB Data Category Code

When PO101 is a CLIN or SUBCLIN related to an exhibit, use to indicate the data category of a Contract Data Requirements List.

KD Replacement National Stock Number

KF Item Type Number

KG Time Compliant Technical Order

KI Cognizance Symbol

KJ Material Control Code

KK Special Material Identification Code

KL Item Management Code

KM Shelf-Life Code

KN Shelf-Life Action Code

LT Lot Number

MF Manufacturer

When used, cite the DUNS number of the manufacturer in the following data element.

MG Manufacturer's Part Number

When used, a second 235/234 pair must be used citing either code MF or ZB.

MN Model Number

N1 National Drug Code in 4-4-2 Format

N2 National Drug Code in 5-3-2 Format

N3 National Drug Code in 5-4-1 Format

N4 National Drug Code in 5-4-2- Format

ND National Drug Code (NDC)

PD Part Number Description

Use to indicate the noun nomenclature of the item.

PU Part Reference Number

Use to indicate a part number assigned by an industry (not related to a

specific manufacturer). Do not use for National Drug Codes.

RC Returnable Container No.

Use to indicate an NSN, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.

SN Serial Number

Use to indicate the serial number of the item cited in PO101. For example, the serial number of an aircraft engine that is to be repaired.

SV Service Rendered

Use to indicate (in text) the service being ordered.

SW Stock Number

Use to indicate a local stock number.

SZ Vendor Alphanumeric Size Code (NRMA)

Use to indicate the size of an item being ordered.

UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)

VP Vendor's (Seller's) Part Number

Use to indicate a part number assigned by a contractor other than a manufacturer.

ZB Commercial and Government Entity (CAGE) Code

Use to indicate a manufacturer who can be identified by a CAGE code.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO107	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO108	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO109	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO110	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO111	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO112	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO113	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO114	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
PO115	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
PO116	235	Product/Service ID Qualifier	X	ID 2/2

		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	
PO117	234	Product/Service ID Identifying number for a product or service	X AN 1/40
PO118	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
PO119	234	Product/Service ID Identifying number for a product or service	X AN 1/40
PO120	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
PO121	234	Product/Service ID Identifying number for a product or service	X AN 1/40
PO122	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
PO123	234	Product/Service ID Identifying number for a product or service	X AN 1/40
PO124	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
PO125	234	Product/Service ID Identifying number for a product or service	X AN 1/40

Segment:	CN1 Contract Information		
Position:	025		
Loop:	PO1 Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify basic data about the contract or contract line item		
Syntax Notes:			
Semantic Notes:	<p>1 CN102 is the contract amount.</p> <p>2 CN103 is the allowance or charge percent.</p> <p>3 CN104 is the contract code.</p> <p>4 CN106 is an additional identifying number for the contract.</p>		
Comments:			
Notes:	<p><i>Use this 2/CN1/025 segment to identify the type of pricing arrangement that is applicable to a specific line item if it differs from the pricing arrangement applicable to the entire award instrument. BEG09 identifies the pricing arrangement applicable to the entire award instrument. BEG09 and the 2/CN1/025 segment can both be included in the transaction set if needed.</i></p>		
Data Element Summary			
Ref.		Data	
Des.		Element Name	
Must Use		Attributes	
Ref.		Des.	
Must Use		Element Name	
Ref.		Attributes	
Des.		M ID 2/2	
Must Use		Element Name	
Ref.		Attributes	
Des.		M ID 2/2	
Must Use		Element Name	
Ref.		Attributes	
Des.		M ID 2/2	
Must Use		Element Name	
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Des.		M ID 2/2	
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Must Use		Element Name	
Ref.		Attributes	
Des.		M ID 2/2	
Must Use		Element Name	
Ref.		Attributes	
Des.		M ID 2/2	
Must Use		Element Name	
Ref.		Attributes	

Not Used	CN104	127	Percent expressed as a percent	O	AN 1/30
			Reference Number		
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
Not Used	CN105	338	Terms Discount Percent	O	R 1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
Not Used	CN106	799	Version Identifier	O	AN 1/30
			Revision level of a particular format, program, technique or algorithm		

Segment:	PO3 Additional Item Detail		
Position:	030		
Loop:	PO1 Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	25		
Purpose:	To specify additional item-related data involving variations in normal price/quantity structure		
Syntax Notes:	1 If PO304 is present, then at least one of PO303 or PO305 is required.		
Semantic Notes:			
Comments:	1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level). 2 PO307 defines the unit of measure for PO306.		
Notes:	<i>Use this 2/PO3/030 segment to provide additional information applicable to the CLIN, SUBCLIN, or ELIN specified in PO101.</i>		

Data Element Summary						
	Ref.	Data	Element	Name	Attributes	
Must Use	Des.	Element		Name		
Must Use	PO301	371	Change Reason Code	Code specifying the reason for price or quantity change	M ID 2/2	
			AQ	Alternate Quantity and Unit of Measure		
				<i>Use to indicate that the CLIN, SUBCLIN, or ELIN has alternate quantity and unit of measure (e.g., PO102/03 could cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates).</i>		
			EV	Estimated Quantity		
				<i>Use to indicate the quantity for the CLIN, SUBCLIN, or ELIN cited in PO101 is an estimate.</i>		
Not Used	PO302	373	Date		O DT 6/6	
				Date (YYMMDD)		
Not Used	PO303	236	Price Identifier Code		X ID 3/3	
				Code identifying pricing specification		
Not Used	PO304	212	Unit Price		O R 1/17	
				Price per unit of product, service, commodity, etc.		
Not Used	PO305	639	Basis of Unit Price Code		X ID 2/2	
				Code identifying the type of unit price for an item		
Must Use	PO306	380	Quantity		M R 1/15	
				Numeric value of quantity		
				<i>Due to the mandatory nature of this data element, when PO301 is code EV, repeat the quantity cited in PO102.</i>		
Must Use	PO307	355	Unit or Basis for Measurement Code		M ID 2/2	
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
				<i>1. Use any code other than code ZZ.</i>		
				<i>2. Due to the mandatory nature of this data element, when PO301 is code EV, repeat the unit of measure cited in PO103.</i>		
				<i>3. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>		
				Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	PO308	352	Description		O AN 1/80	
				A free-form description to clarify the related data elements and their content		

Segment:	CTP Pricing Information	
Position:	040	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify pricing information	
Syntax Notes:	<ol style="list-style-type: none"> 1 If either CTP04 or CTP05 is present, then the other is required. 2 If CTP06 is present, then CTP07 is required. 3 If CTP09 is present, then CTP02 is required. 4 If CTP10 is present, then CTP02 is required. 	
Semantic Notes:	<ol style="list-style-type: none"> 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given. 2 CTP08 is the rebate amount. 	
Comments:	<ol style="list-style-type: none"> 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. 2 See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07. 	
Notes:	<p><i>1. Use this segment to specify various prices for the CLIN, SUBCLIN, or ELIN cited in PO101 for a basic award instrument, e.g., requirements, indefinite quantity, etc. These include prices for a step ladder quantities; for different packaging requirements, i.e., level A, B, or C Preservation or Packing; or for delivery to various geographic locations (zones).</i></p> <p><i>2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31-50:</i></p> <p><i>CTP**PBQ**1*EA n/l CTP**ICL*25.00*10*EA n/l CTP**ICL*24.50*20*EA n/l CTP**ICL*23.50*30*EA n/l CTP**MAX*22.00*50*EA n/l</i></p>	

Data Element Summary

	Ref. Des.	Data		Attributes
		Element	Name	
Not Used	CTP01	687	Class of Trade Code Code indicating class of trade	O ID 2/2
	CTP02	236	Price Identifier Code Code identifying pricing specification <i>Use to identify the different prices for a line item.</i>	X ID 3/3
		ALT	Alternate Price <i>Use to indicate a lease-to-purchase price.</i>	
		ICL	Unit Price Through Quantity <ol style="list-style-type: none"> 1. Use to indicate the end of a quantity range applicable to step ladder pricing. 2. Use in conjunction with codes PBQ and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied. 	
		MAX	Maximum Order Quantity Price	

	1. Use for step ladder pricing to indicate the quantity above which the price will not change.
PAP	2. Use in conjunction with codes ICL and PBQ for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied. Protection Level Price
PAQ	Use to indicate the price for the packaging protection level (preservation) cited in CTP10. This amount is additive to the unit price cited in PO104 or to the zone price cited in CTP03 (when CTP02 is code ZNP) which are based on standard commercial preservation. Price Break Quantity(s)
PBQ	Use to indicate a quantity where an incremental price break occurs. For example, if price breaks occur at quantities 11, 21, 31, etc., then for a purchase quantity of 25, the first 10 units are at the first price, the next 10 units are at the second price and the last 5 units are at the third price. This is in contrast to step ladder prices where all 25 units are one price. Unit Price Beginning Quantity
PPA	1. Use to indicate the beginning of a quantity range applicable to step ladder pricing. 2. Use in conjunction with codes ICL and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied. Packing Level Price
SPC	Use to indicate the price for the packaging level cited in CTP10. This amount is additive to the unit price cited in PO104 or to the zone price cited in CTP03 (when CTP02 is code ZNP) which are based on standard commercial packaging. Special Price
ZNP	1. Use to indicate that the line item unit price cited in PO104, is a special price authorized by a representative of the selling party. 2. When used, identify the authorizing party either in the 1/PER/360 or 2/PER/110 segment citing code 1A in PER01 and provide a special price authorization number either in the 1/REF/350 or 2/REF/100 segment citing code 9B in REF01. 3. DO NOT use CTP03 when this code is used. Zone Price

*required, use additional repetitions of this segment
citing code PAP and PPA in CTP02.*

CTP03	212	Unit Price Price per unit of product, service, commodity, etc.	O R 1/17
CTP04	380	Quantity Numeric value of quantity	X R 1/15
CTP05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. A conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	CTP06	Price Multiplier Qualifier Code indicating the type of price multiplier	O ID 3/3
Not Used	CTP07	Multiplier Value to be used as a multiplier to obtain a new value	X R 1/10
Not Used	CTP08	Monetary Amount Monetary amount	O R 1/15
Not Used	CTP09	Basis of Unit Price Code Code identifying the type of unit price for an item	O ID 2/2
	CTP10	Condition Value Identifies rate restrictions or provisions	O AN 1/10
		<i>When CTP02 is code PAP, PPA, or ZNP, identify the applicable protection level, packing level or zone to which the price in CTP03 applies.</i>	

Segment:	MEA Measurements
Position:	049
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	<ol style="list-style-type: none"> 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	<ol style="list-style-type: none"> 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<p><i>1. Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.</i></p> <p><i>2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type award instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the Government and contractor, and warranty periods.</i></p>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MEA01	737	Measurement Reference ID Code	O ID 2/2

Code identifying the broad category to which a measurement applies
Use any code.

BT Batch Limits

When BEG02 is code KI, KQ, or KR, use to indicate the minimum and maximum limits of the Government's obligation to order either in terms of dollars or quantity under a requirements or an indefinite quantity type award instrument. When BEG02 is code KT or RL, use to indicate the minimum and maximum limits of the Government's obligation to order either in terms of dollars or quantity under the specific Task Order or Delivery Order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.

CT Counts

Use to indicate variations in quantity permitted when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE Defects

Use to indicate a warranty period.

LT Lot Limits

Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.

OL Order Limits

Use to indicate the maximum that the Government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted

Use to indicate the minimum and maximum quantity or dollars permitted per order against a requirements or an indefinite quantity type procurement instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02	738	Measurement Qualifier	O ID 1/3
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Code identifying a specific product or process characteristic to which a measurement applies

Use any code other than code ZZZ.

MX Maximum

When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.

PO Percent of Order (-, +)

Use to indicate the variation in quantity when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY Ratio

When CN101 is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.

TT Time

Use to indicate the length of a warranty period. Specify the length of the time period in MEA03 and the time period in MEA04-C00101.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA03	739	Measurement Value	X R 1/20
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The value of the measurement

MEA04	C001	Composite Unit of Measure	X
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To identify a composite unit of measure (See Figures Appendix for examples of use)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type procurement instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA, and MEA04-C00104 would cite code Q1.

Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
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Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	Exponent Power to which a unit is raised	O	R	1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
			<i>1. Use any code other than code ZZ.</i>			
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R	1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R	1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R	1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R	1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X	R	1/20
			<i>1. When MEA01 is code CT, or MEA02 is code PO, use to specify the variation in quantity under.</i>			
			<i>2. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.</i>			
			<i>3. When MEA02 is RY, use to specify the Government share.</i>			
			<i>4. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>			
	MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X	R	1/20
			<i>1. When MEA01 is code CT, or MEA02 is code PO, use to specify the variation in quantity over.</i>			
			<i>2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.</i>			

3. When MEA02 is RY, use to specify the contractor share.

4. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).

Not Used	MEA07	935	Measurement Significance Code	O	ID 2/2
			Code used to benchmark, qualify or further define a measurement value		
Not Used	MEA08	936	Measurement Attribute Code	X	ID 2/2
			Code used to express an attribute response when a numeric measurement value cannot be determined		
Not Used	MEA09	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that is being described		
Not Used	MEA10	1373	Measurement Method or Device	X	ID 2/4
			The method or device used to record the measurement		

Segment:	PID Product/Item Description		
Position:	050		
Loop:	PID Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To describe a product or process in coded or free-form format		
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required. 		
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item. A "N" indicates it does not apply. Any other value is indeterminate. 		
Comments:	<ol style="list-style-type: none"> 1 If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03. 		
Notes:	<p><i>Use this 2/PID/050 segment to provide information applicable to a specific line item.</i></p> <p><i>Use the 1/PID/190 segment when the information applies to all of the line items.</i></p>		

Data Element Summary				
	<u>Ref.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PID01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			F Free-form S Structured (From Industry Code List) X Semi-structured (Code and Text)	
	PID02	750	Product/Process Characteristic Code	O ID 2/3
			Code identifying the general class of a product or process characteristic	
			<i>Use any code. Use of the following codes is preferred as indicated in the accompanying notes.</i>	
			32 Type of Test/Inspection <i>Use to indicate a First Article Test line item.</i>	
			OC Option <i>Use to indicate a line item that is unfunded at the time of award, such as an option, a line item established for incremental funding, provisioned item, or a multi-year line item. When used, cite the nature of the line item in PID05.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
			<i>Use any code other than code ZZ.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID04	751	Product Description Code	X AN 1/12
			A code from an industry code list which provides specific data about a product characteristic	
	PID05	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			1. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	

2. When PID02 is code OC, cite OPTION, INCREMENTAL FUNDING, PROVISIONED ITEM, or MULTI-YEAR as appropriate for the line item. When using PID02 and PID05, use code X in PID01.

Not Used	PID06	752	Surface/Layer/Position Code	O ID 2/2
			Code indicating the product surface, layer or position that is being described	
Not Used	PID07	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
Not Used	PID08	1073	Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response	

Segment:	PWK Paperwork	
Position:	070	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	25	
Purpose:	To identify the type and transmission of paperwork or supporting information	
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.	
Semantic Notes:		
Comments:	<p>1 PWK05 and PWK06 may be used to identify the addressee by a code number.</p> <p>2 PWK07 may be used to indicate special information to be shown on the specified report.</p> <p>3 PWK08 may be used to indicate action pertaining to a report.</p>	
Notes:	<p>1. Use this 2/PWK/070 segment to provide paperwork information that applies to a specific line item. Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items.</p> <p>2. Use this segment to identify paperwork required to pass between the buyer and the seller and how that paperwork will be transmitted.</p>	

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	Name	<u>Attributes</u>	
			M	ID 2/2
Must Use	PWK01	Report Type Code		
	755	Code indicating the title or contents of a document, report or supporting item		
		<i>Use to identify the type of paperwork that is being provided to or must be provided by the contractor.</i>		
	25	Purchase Plan	<i>Use to indicate a make or buy plan.</i>	
	35	Subcontractor Plan		
	AE	Attachment	<i>Use to indicate some additional document, e.g., list of Government furnished property, related to this award instrument is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.</i>	
	C1	Cost Data Summary	<i>Use to indicate non-certified cost and price data.</i>	
	C5	Certified Cost and Price Data		
	C6	Wage Determination	<i>When used, identify the Wage Determination number in the 2/REF/100 segment using code 2Y in REF01.</i>	
	CP	Certificate of Compliance (Material Certification)	<i>Use to indicate a Certificate of Conformance.</i>	
	CX	Cost/Schedule Status Report (C/SSR)		
		Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure		
	CY	Contract Funds Status Report (CFSR)		
		Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs		
	DW	Drawing(s)		

		F1	Cost Performance Report (CPR) Format 1 Detailed contract status report including current reporting month values at specified levels of the work breakdown structure
		F2	Cost Performance Report (CPR) Format 2 Detailed contract status report at specified levels of the organization breakdown structure
		F3	Cost Performance Report (CPR) Format 3 Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values
		F4	Cost Performance Report (CPR) Format 4 Contract resource summary report that forecasts labor requirements for the remainder of a contract
		F5	Cost Performance Report (CPR) Format 5 Contract summary or detail report explaining significant cost or schedule variances
		IT	Certified Inspection and Test Results
		KA	Contract Data Requirements List (CDRL) <i>Use to indicate that an attachment applicable to a Contract Data Requirements List (CDRL) will be provided.</i>
		MR	Material Inspection and Receiving Report
		MS	Material Safety Data Sheet
		PD	Proof of Delivery
		PJ	Purchasing Specification Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments <i>Use to indicate a Statement of Work (SOW).</i>
		PM	Proof of Insurance
		S9	Representation A statement (report) by a prospective contractor that makes a representation about a specific condition <i>Use to indicate a payment and performance bond.</i>
		SN	Shipping Notice
		SP	Specification
		TO	Demand Report <i>Use to indicate a Contract Data Requirement List (CDRL) deliverable.</i>
		US	"BUY AMERICA" Certification of Compliance
PWK02	756	Report Transmission Code	O ID 1/2
			Code defining timing, transmission method or format by which reports are to be sent <i>While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.</i>
		BE	By Mail and Electronically <i>Use to indicate E-Mail.</i>
		BM	By Mail <i>Use to indicate transmittal via the USPS.</i>
		CF	Courier

			<i>Use to indicate transmittal via commercial express courier.</i>
		DA	Data
		EL	<i>Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.</i>
		FX	<i>Use to indicate that data was sent by a separate EDI transaction set. When used, identify the unique number of the transaction set in REF02 of the 2/REF/100 segment citing code TN in REF01.</i>
		IA	By Fax
		WS	Electronic Image
			<i>Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.</i>
			With Shipment (With Package)
PWK03	757	Report Copies Needed	O N0 1/2
		The number of copies of a report that should be sent to the addressee	
		<i>The number of copies is assumed to be 1 unless a greater number is specified in this data element.</i>	
PWK04	98	Entity Identifier Code	O ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		<i>Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in either the 1/N1/310 or 2/N1/350 segment and/or the communications number of the recipient in either the 1/PER/360 or 2/PER/400 segment.</i>	
	44		Data Processing Service Bureau
		<i>Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>	
	7D		Contracting Officer Representative
	BY		Buying Party (Purchaser)
		<i>Use to indicate the contracting officer.</i>	
	C4		Contract Administration Office
		Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area	
	IS		Party to Receive Certified Inspection Report
		<i>Use when PWK01 is code IT or MR.</i>	
	KF		Audit Office
		The office performing the audit	
	KG		Project Manager
		The address of the person responsible for the management of a designated project	
		<i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i>	
	KY		Technical Office
	PA		Party to Receive Inspection Report
	PC		Party to Receive Cert. of Conformance (C.A.A.)

		SM	Party to Receive Shipping Manifest	
		ZD	Party to Receive Reports	
			The organization designated to receive reports	
Not Used	PWK05	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
Not Used	PWK06	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
	PWK07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i>	
			<i>2. When PWK01 is code S9, use to identify the lead time for submission of the payment and performance bond.</i>	
			<i>3. When PWK02 is code DA, use to identify the other form of electronic transfer.</i>	
			<i>4. When PWK02 is code LA, used to identify the URL.</i>	
			<i>5. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
	PWK08	C002	Actions Indicated	O
			Actions to be performed on the piece of paperwork identified	
Must Use	C00201	704	Paperwork/Report Action Code	M ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
		2	Report to be Filed	
			<i>When PWK01 is code 25, 35, C1, C5, CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, MS, PD, PM, S9, SN, TO or US, indicate the specified paperwork is required to be provided by the contractor.</i>	
		PV	Provided	
			<i>When PWK01 is code AE, C6, DW, KA, PJ, or SP, use to indicate the specified paperwork will be provided by the buyer.</i>	
Not Used	C00202	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00203	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00204	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00205	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	

Segment:	PO4 Item Physical Details		
Position:	090		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item		
Syntax Notes:	<p>1 If either PO402 or PO403 is present, then the other is required.</p> <p>2 If PO405 is present, then PO406 is required.</p> <p>3 If either PO406 or PO407 is present, then the other is required.</p> <p>4 If either PO408 or PO409 is present, then the other is required.</p> <p>5 If PO410 is present, then PO413 is required.</p> <p>6 If PO411 is present, then PO413 is required.</p> <p>7 If PO412 is present, then PO413 is required.</p> <p>8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.</p>		
Semantic Notes:			
Comments:	<p>1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.</p> <p>2 PO413 defines the unit of measure for PO410, PO411, and PO412.</p> <p>1. <i>Use this segment to specify the weight, cube, or dimensions of the unit or intermediate pack; the unit pack quantity or intermediate container quantity; to indicate that palletized loads are required; or to indicate that shrink wrap is required. To specify the unit pack quantity, use PO401 and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50 and PO404 would cite code UNT.</i></p> <p>2. <i>If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403 and PO404. In this instance, if there are 24, 12 ounce bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per intermediate container is required, use code INT in PO404 and cite the quantity in PO414.</i></p>		
Notes:			

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
PO401	356	Pack	O N0 1/6
		Number of inner pack units per outer pack unit	
		1. <i>Use to identify the unit pack quantity.</i>	
		2. <i>Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).</i>	
		3. <i>Cite the number 888888 to indicate "Packager's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).</i>	
		4. <i>Cite the number 999999 to indicate "Special requirements - refer to supplemental data, special instructions or drawings provided" (MIL-STD 2073-2C code ZZZ).</i>	
PO402	357	Size	X R 1/8
		Size of supplier units in pack	
		<i>Use only to identify the size of the individual items within a unit container.</i>	

PO411	189	upright position Width	O R 1/8
PO412	65	Shorter measurement of the two horizontal dimensions measured with the object in the upright position Height	O R 1/8
PO413	355	Vertical dimension of an object measured when the object is in the upright position <i>Use to specify the depth of the container.</i> Unit or Basis for Measurement Code	X ID 2/2
PO414	810	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values. Inner Pack	O N0 1/6
		<i>1. Use to specify the quantity of unit containers in an intermediate container.</i> <i>2. Cite the number 666666 to indicate "See Appendix B, MIL-STD 2073-1B" (MIL-STD 2073-2C code AAA).</i> <i>3. Cite the number 777777 to indicate "See method of preservation" (MIL-STD 2073-2C code XXX).</i> <i>4. Cite the number 888888 to indicate "Packer's option as long as all other requirements are met" (MIL-STD 2073-2c code YYY).</i> <i>5. Cite the number 999999 to indicate "Special requirements - see specific drawing or instruction provided" (MIL-STD 2073-2C code ZZZ).</i>	

REF Reference Numbers	
Segment:	100
Position:	PO1 Mandatory
Loop:	Detail
Level:	Optional
Usage:	>1
Max Use:	To specify identifying numbers.
Purpose:	1 At least one of REF02 or REF03 is required.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	<i>Use this 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.</i>

Data Element Summary					
Must Use	Ref.	Data Des.	Element	Name	Attributes
	REF01		128	Reference Number Qualifier	M ID 2/2
				Code qualifying the Reference Number.	
			16	Military Interdepartmental Purchase Request (MIPR) Number	
				A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement	
			2E	Foreign Military Sales Case Number	
				A reference number designating the foreign military sale records	
			2Y	<i>Use to indicate a Foreign Military Sale.</i>	
				Wage Determination	
				<i>Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.</i>	
			73	Statement of Work (SOW)	
				Description of a product or service to be procured under a contract; statement of requirements	
				<i>Use to indicate the Statement of Work number or number within the Statement of Work where additional information can be found. If a Statement of Work is part of the award, the PWK segment can be used to indicate how the SOW is being provided.</i>	
			82	Data Item Description (DID) Reference	
				Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents	
			83	Extended (or Exhibit) Line Item Number (ELIN)	
				Identifies specific line items to be delivered for a contract	
			97	Package Number	
				A serial number indicating unit shipped	
			9B	Repriced Line Item Reference Number	
				<i>1. Use to indicate a special price authorization number.</i>	
				<i>2. When used, code 1A should be used in PER01 in</i>	

		<i>the 2/PER/110 segment and code SPC should be used in CTP02 in the 2/CTP/040 segment.</i>
9G		Department of Defense Form 250 Requirement Code <i>Use to indicate the inspection and acceptance requirements for a data item specified on a Contract Data Requirements List.</i>
AH		Agreement Number <i>Use to indicate a Union Agreement number.</i>
BL		Government Bill of Lading
DG		Drawing Number
EV		Receiver Identification Number
		A unique number identifying the organization/site location designated to receive the current transmitted transaction set
		<i>Use to indicate the requiring office, i.e., the technical office responsible for ensuring adequacy of the data required on a Contract Data Requirements List. Use an abbreviation of the activity, e.g., NICP, Navy Inventory Control Point.</i>
IL		Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>
IQ		End Item <i>Use to indicate an end item to which a line item pertains.</i>
IX		Item Number <i>Use to indicate a Federal supply schedule (FSS) special item number.</i>
K0		Approval Code <i>Use to indicate the approval code on a Contract Data Requirements List.</i>
KL		Contract Reference <i>For a Contract Data Requirements List data item, use to indicate the reference in the contract that generates the requirement for the data item (e.g., Statement of Work paragraph).</i>
KS		Solicitation A discreet number assigned by the purchasing activity to differentiate between different solicitations <i>Use to indicate the solicitation number that resulted in this award instrument. If applicable, concatenate the LAST amendment number with the solicitation number.</i>
KV		Distribution Statement Code <i>Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item.</i>
LT		Lot Number
NI		Military Standard (MIL-STD) Number
NJ		Technical Document Number
NL		Technical Order Number
P4		Project Code <i>Use to indicate the project number applicable to the line item.</i>
PH		Priority Rating <i>Use to indicate the MILSTRIP/FEDSTRIP priority</i>

		<i>rating.</i>
PR	Price Quote Number	
QC	<i>Use to indicate the contractor's bid, quote or proposal number.</i>	
RQ	Product Specification Document Number Model designation of replacement component Purchase Requisition No.	<i>Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). When citing a purchase request number, concatenate its line item number with the purchase request number if it is necessary to transmit both numbers.</i>
RS	Returnable Container Serial Number	
S2	Military Specification Number (MILSPEC)	
S3	Specification Number	<i>Use to indicate a specification number other than a MIL-SPEC. When used, cite the specification number in REF02 and identify the issuing activity in REF03.</i>
T4	Signal Code	
	Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
TG	Transportation Control Number (TCN)	
TN	Transaction Reference Number	<ol style="list-style-type: none"> 1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02. 2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in REF03.
TP	Test Specification Number	
VQ	Related Contract Line Item Number	
VW	<i>Use to indicate a line item in the procurement instrument to which another line item pertains.</i>	
W2	Standard	
	<i>Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.</i>	
W2	Weapon System Number	
	Identifies a weapon system	
W8	<i>Use to indicate the Weapon System Code.</i>	
	Suffix	
	Differentiates between partial actions taken on the original transaction	
	<i>Use to indicate a MILSTRIP/FEDSTRIP requisition suffix number. This code can be used if there is ONLY one occurrence of the REF segment with code IL in REF01.</i>	
WF	Locally Assigned Control Number	
XC	Cargo Control Number	

			<i>Use to indicate the tracking number for bulk fuel being sent by a tanker vessel.</i>
	XE	Transportation Priority Number	
		Number indicating the level of government priority associated with the transportation of a shipment	
	ZZ	Mutually Defined	
		<i>Use to indicate another type of reference number. When used, identify the nature of the number in REF03.</i>	
REF02	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
		<i>If the document has a revision or an extension, the document number and the revision or extension number should be concatenated and cited in this data element.</i>	
REF03	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>1. Use to carry additional information related to a reference number cited in REF02.</i>	
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

Segment:	PER Administrative Communications Contact				
Position:	110				
Loop:	PO1	Mandatory			
Level:	Detail				
Usage:	Optional				
Max Use:	3				
Purpose:	To identify a person or office to whom administrative communications should be directed				
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.				
Semantic Notes:					
Comments:					
Notes:	<i>Use this 2/PER/110 segment to provide names and communication numbers for points of contact applicable to a line item and which are not associated with an address.</i>				

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes	
				M	ID 2/2
	PER01	366	Contact Function Code		
			Code identifying the major duty or responsibility of the person or group named		
		1A	Review/Repricing Contact	1. Use to indicate an individual who authorized a one time special price for the line item in this PO1 loop, e.g., a spot pricing reduction from an existing contract or catalog price. In this instance, PER02 MUST be used.	
		AU	Report Authorizer	2. When used, cite a special price authorization number in the 2/REF/100 segment citing code 9B in REF01 and use the 2/CTP/040 segment citing code SPC in CTP02.	
		BD	Buyer Name or Department	1. Use to indicate the approver of a Contract Data Requirements List.	
		PI	Preparer	2. Use this code when PO106 code EF is used.	
	PER02	93	Name	O	AN 1/35
			Free-form name	<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>	
	PER03	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number	AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network	

		EM	(AUTOVON) Electronic Mail
		FX	Facsimile
		IT	International Telephone
		TE	<i>Include the country code.</i> <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER04	364	Communication Number	<input checked="" type="checkbox"/> AN 1/80
			Complete communications number including country or area code when applicable <i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
PER05	365	Communication Number Qualifier	<input checked="" type="checkbox"/> ID 2/2
			Code identifying the type of communication number <i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i>
		AU	Defense Switched Network
			Department of Defense telecommunications system and successor of the Automatic Voice Network
		(AUTOVON)	
		EM	Electronic Mail
		EX	Telephone Extension
		FX	<i>Use only if PER03 is used citing either code AU or TE.</i>
		IT	Facsimile
		TE	International Telephone
			<i>Include the country code.</i>
		TE	Telephone
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER06	364	Communication Number	<input checked="" type="checkbox"/> AN 1/80
			Complete communications number including country or area code when applicable <i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
PER07	365	Communication Number Qualifier	<input checked="" type="checkbox"/> ID 2/2
			Code identifying the type of communication number <i>Use to identify a third communications number for the party cited in PER02.</i>
		AU	Defense Switched Network
			Department of Defense telecommunications system and successor of the Automatic Voice Network
		(AUTOVON)	
		EM	Electronic Mail
		EX	Telephone Extension
		FX	<i>Use only if PER05 is used citing either code AU or TE.</i>
		IT	Facsimile
		TE	International Telephone
			<i>Include the country code.</i>
		TE	Telephone
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>

PER08	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	
PER09	443	Contact Inquiry Reference	O AN 1/20
		Additional reference number or description to clarify a contact number	
		<i>Use, if necessary, to provide the title of the party cited in PER02.</i>	

Segment:	SAC Service, Promotion, Allowance, or Charge Information		
Position:	130		
Loop:	SAC Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge		
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of SAC02 or SAC03 is required. 2 If either SAC03 or SAC04 is present, then the other is required. 3 If either SAC06 or SAC07 is present, then the other is required. 4 If either SAC09 or SAC10 is present, then the other is required. 5 If SAC11 is present, then SAC10 is required. 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required. 7 If SAC14 is present, then SAC13 is required. 		
Semantic Notes:	<ol style="list-style-type: none"> 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required. 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence. 3 SAC08 is the allowance or charge rate per unit. 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge. 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used. 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion. 		
Comments:	<ol style="list-style-type: none"> 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02. 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09. 		
Notes:	<p><i>Use this 2/SAC/130 segment to identify services, allowances, or non-CLIN charges and, if applicable, quantities, that apply to specific line items. If the services, allowances, or non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.</i></p>		

Data Element Summary

	Ref.	Data		Attributes
Must Use	Des.	Element	Name	
	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			A Allowance	
			C Charge	
			N No Allowance or Charge	
			<i>Use to indicate there is no charge for the specified service.</i>	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			<i>Any code, other than code ZZZZ, may be used, but it should be the same code as provided in the quote or offer. The following is a list of preferred codes.</i>	
			<i>B180 Cleaning Charge B610 Container Service Charge USA/Canada</i>	

Use to indicate a reusable container.

B870 *Customs Charge*
C240 *Disconnect Charge*
C330 *Distribution Fee*
C370 *Diversion Charge*
C880 *Expediting Premium*
D500 *Handling*
D530 *Hazardous Cargo Charge*
D660 *Hook-up charge*
D820 *Inside Delivery*
D870 *Inspection*
D890 *Installation and Training*
D900 *Installation*
E340 *Less Than Truckload (LTL) Charge*
Use to indicate a charge for less than a full carload or truckload.

E400 *Loading (Labor Charges)*
F150 *Packaging Service*
F460 *Postage*
F560 *Premium Transportation*
F830 *Proof of Delivery*
Use to indicate a charge for the preparation of a DD Form 250.

G030 *Reconnect Charge*
G350 *Rents and Leases*
G470 *Restocking Charge*
G530 *Rework*
G580 *Royalties*
G660 *Scrap Allowance*
G740 *Service Charge*
G760 *Set-up*
H170 *Special Tooling Charge*
H430 *Storage*
H540 *Supplemental Items*
Use to indicate Contractor Acquired Parts (CAP).

H550 *Surcharge*
H990 *Testing Services Charge*
I260 *Transportation Direct Billing*
I380 *Unloading (Labor Charges)*
I590 *Warranties*

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X	ID 2/2
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge	X	AN 1/10
	SAC05	610	Amount Monetary amount	O	N2 1/15
	SAC06	378	Allowance/ Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated <i>Use any code other than code Z.</i>	X	ID 1/1
	SAC07	332	Percent Percent expressed as a percent	X	R 1/6

			<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>
SAC08	118	Rate	O R 1/9
		Rate expressed in the standard monetary denomination for the currency specified	
SAC09	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
SAC10	380	Quantity	X R 1/15
		Numeric value of quantity	
		<i>Use to indicate the quantity to which the amount in SAC05 applies.</i>	
		<i>SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>	
SAC11	380	Quantity	O R 1/15
		Numeric value of quantity	
		<i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>	
Not Used	SAC12	Allowance or Charge Method of Handling Code	O ID 2/2
		Code indicating method of handling for an allowance or charge	
	SAC13	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
		<i>Use to identify the ACRN, project code, funding code, or accounting code to which a charge or allowance is applicable. These reference numbers and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.</i>	
Not Used	SAC14	Option Number	O AN 1/20
		A unique number identifying available promotion or allowance options when more than one is offered	
Not Used	SAC15	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment:	IT8 Conditions of Sale	
Position:	140	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify general conditions or requirements and to detail conditions for substitution of alternate products	
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of IT801 IT802 IT803 IT805 or IT807 is required. 2 If either IT808 or IT809 is present, then the other is required. 3 If either IT810 or IT811 is present, then the other is required. 4 If either IT812 or IT813 is present, then the other is required. 5 If either IT814 or IT815 is present, then the other is required. 6 If either IT816 or IT817 is present, then the other is required. 7 If either IT818 or IT819 is present, then the other is required. 8 If either IT820 or IT821 is present, then the other is required. 9 If either IT822 or IT823 is present, then the other is required. 10 If either IT824 or IT825 is present, then the other is required. 11 If either IT826 or IT827 is present, then the other is required. 	
Semantic Notes:	<ol style="list-style-type: none"> 1 IT803 is the maximum monetary amount value which the order must not exceed. 2 IT804 is the account number to which the purchase amount is to be charged. 3 IT805 is the date specified by the sender to be shown on the invoice. 	
Comments:	<ol style="list-style-type: none"> 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's. 2 IT808 through IT827 provides for ten (10) different product/service ID's for each item. Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU. 	
Notes:	<i>Use this 2/IT8/140 segment to specify special services or conditions that vary by line item. Use the 1/CSH/110 segment when the special services or conditions apply to all of the line items.</i>	

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
IT801	563	Sales Requirement Code	X ID 1/2
		Code to identify a specific requirement or agreement of sale	
	P2	Ship As Soon As Possible	<i>Use only with DTM01 code 996.</i>
	P4	Do Not Preship	<i>Use only when DTM01 is code 064 or 106; or when LDT01 is code AY</i>
	SC	Ship Complete	<i>Use to indicate partial shipments will not be accepted.</i>
	SV	Ship Per Release	<i>Use to indicate that the ordered item(s) are to be shipped in place.</i>
IT802	564	Do-Not-Exceed Action Code	X ID 1/1
		Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)	
	0	Cancel Balance of Order/Item that Exceeds Value Specified in Data Element 565	
	1	Cancel Entire Order/Item	
IT803	610	Amount	X N2 1/15
		Monetary amount	
		<i>Use to identify a maximum line item total amount, that if a contractor would exceed, shall result in the entire line item quantity or balance of the line item quantity that exceeds the maximum amount not being filled.</i>	

850 Purchase Order					
Not Used	IT804	508	Account Number Account number assigned	O	AN 1/35
Not Used	IT805	373	Date Date (YYMMDD)	X	DT 6/6
Not Used	IT806	559	Agency Qualifier Code Code identifying the agency assigning the code values	O	ID 2/2
Not Used	IT807	566	Product/Service Substitution Code Code indicating product or service substitution conditions	X	ID 1/2
Not Used	IT808	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT809	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT810	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT811	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT812	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT813	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT814	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT815	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT816	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT817	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT818	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT819	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT820	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT821	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT822	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT823	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT824	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT825	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT826	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in	X	ID 2/2

Not Used	IT827	234	Product/Service ID (234)	X	AN 1/40
			Product/Service ID		
			Identifying number for a product or service		

Segment:	ITD Terms of Sale/Deferred Terms of Sale		
Position:	150		
Loop:	PO1 Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify terms of sale		
Syntax Notes:	1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.		
Semantic Notes:	1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.		
Comments:	1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.		
Notes:	<i>Use this 2/ITD/150 segment when discounts vary by line item. Use the 1/ITD/130 segment when the discount applies to all of the line items.</i>		

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attributes
Not Used	ITD01	336	Terms Type Code Code identifying type of payment terms	O ID 2/2
Not Used	ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period	O ID 1/2
	ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	O R 1/6
Not Used	ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned	X DT 6/6
	ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
Not Used	ITD06	446	Terms Net Due Date Date when total invoice amount becomes due	O DT 6/6
	ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
Not Used	ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
Not Used	ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due	O DT 6/6
Not Used	ITD10	389	Deferred Amount Due Deferred amount due for payment	X N2 1/10
Not Used	ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent	X R 1/5
Not Used	ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X N0 1/2
Not Used	ITD14	107	Payment Method Code Code identifying type of payment procedures	O ID 1/1
Not Used	ITD15	954	Percent Percentage expressed as a decimal	O R 1/10

DIS Discount Detail	
Segment:	160
Position:	PO1 Mandatory
Loop:	Detail
Level:	Optional
Usage:	20
Max Use:	To specify the exact type and terms of various discount information
Purpose:	
Syntax Notes:	
Semantic Notes:	1 DIS05 is the minimum for application of the discount. 2 DIS06 is the maximum for application of the discount.
Comments:	
Notes:	<p>1. Use this 2/DIS/160 segment to identify volume discount information applicable to the line item that is based on either the dollar value purchased or number of units purchased.</p> <p>2. Use the 2/N9/330 segment, with N901 citing code KD, and the 2/MSG/340, to specify other volume or promotional discounts that apply to a line item.</p>

Data Element Summary					
	Ref.	Data	Element	Name	Attributes
Must Use	DIS01	653		Discount Terms Type Code	M ID 3/3
				Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.	
			POR	% Discount per Units Ordered	
				<i>Use to indicate a percent discount based on the value of the units purchased.</i>	
			UNT	Additional Units per Units Purchased	
				<i>Use to indicate additional free units are to be provided based on the number of units purchased.</i>	
Must Use	DIS02	654		Discount Base Qualifier	M ID 2/2
				Code to define unit of discount, i.e., dollars, cases, alternate products, etc.	
			PC	Discount Determined as a Percentage of the Value of the Transaction	
				<i>Use to indicate the discount as a percent of the value of the line item.</i>	
			UN	Discount Determined to be Additional Units that Are Defined by Discount Control Limit Qualifier	
				<i>Use to indicate the discount as additional free units based on the number of items purchased.</i>	
Must Use	DIS03	655		Discount Base Value	M R 1/10
				A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount	
				<i>1. When DIS02 is code PC, use to identify the discount percentage. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
				<i>2. When DIS02 is code UN, use to identify the number of free units.</i>	
Must Use	DIS04	656		Discount Control Limit Qualifier	M ID 2/3
				Code to define the units of the limits for determining discount	
			DAT	Time Limits for Discount	
				<i>Use in conjunction with DIS02 code UN.</i>	
			DOF	Dollars of Purchase	
				<i>Use in conjunction with DIS02 code PC.</i>	
Must Use	DIS05	657		Discount Control Limit	M N0 1/10
				Amount or time associated with application of the discount	
				<i>Use to identify the base amount or quantities applicable to the discount. This is the minimum value or quantity needed to earn the discount.</i>	

DIS06

657

Discount Control Limit

O N0 1/10

Amount or time associated with application of the discount

Use to identify the maximum amount or quantities applicable to the discount. When values are cited in both DIS05/06, this constitutes a range of values or quantities applicable to the cited discount.

FOB F.O.B. Related Instructions					
Segment:	180				
Position:	PO1 Mandatory				
Loop:	Detail				
Level:	Optional				
Usage:	>1				
Max Use:	To specify transportation instructions relating to shipment				
Purpose:	1 If FOB03 is present, then FOB02 is required. 2 If FOB04 is present, then FOB05 is required. 3 If FOB07 is present, then FOB06 is required. 4 If FOB08 is present, then FOB09 is required.				
Syntax Notes:	1 FOB01 indicates which party will pay the carrier. 2 FOB02 is the code specifying transportation responsibility location. 3 FOB06 is the code specifying the title passage location. 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.				
Semantic Notes:					
Comments:					
Notes:	1. Use this 2/FOB/180 segment to specify an FOB point and acceptance location for a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all the line items. 2. This segment is not used when the award instrument is for a service without deliverables or construction.				
Data Element Summary					
Ref.	Data		Attributes		
Des.	Element	Name		M	ID 2/2
Must Use	FOB01	146 Shipment Method of Payment	Code identifying payment terms for transportation charges		
		BP	Paid by Buyer	The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)	
				<i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE	Prepaid and Summary Bill	<i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP	Prepaid (by Seller)	<i>Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice.</i>	
		PS	Paid by Seller	The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)	
				<i>Use to indicate transportation charges are included in the unit price.</i>	
FOB02	309 Location Qualifier			X	ID 1/2
		Code identifying type of location			
		<i>Use to identify the FOB point.</i>			
		DE	Destination (Shipping)		
		FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)		
		IT	Intermediate FOB Point		
			A location indicating the point of destination is not the		

			origin or final destination but rather at some other point <i>Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.</i>
	KE		Port of Embarkation <i>Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.</i>
	KL		Port of Loading <i>Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.</i>
	KP		Government Furnished Property FOB Point <i>Use to indicate that the FOB point is for delivery of Government Furnished Property. Provide the address in the N1 loop, citing code 7H in N101.</i>
	OR		Origin (Shipping Point)
	W		Worldwide Geographic Location Code <i>Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.</i>
	ZZ		Mutually Defined <i>Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.</i>

Not Used	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2
			Code identifying the source of the transportation terms	
Not Used	FOB05	335	Transportation Terms Code	X ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility	
	FOB06	309	Location Qualifier	X ID 1/2
			Code identifying type of location	

- 1. Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.*
- 2. When the inspection point differs, use the 2/LM/620 loop to identify the inspection point by coded means (Destination or Source). The 2/N1/350 loop, citing code L1 in N101, may be used to identify the inspection location in N103/N104 or in N1-N4 as a full address.*

DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZZ	Mutually Defined

- 1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 2/N1/350 loop, citing code 7M in N101.*
- 2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 2/N1/350 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1*

loop, citing code L1 in N101.

Not Used	FOB07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	Risk of Loss Qualifier	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment:	SDQ Destination Quantity	
Position:	190	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	500	
Purpose:	To specify destination and quantity detail	
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SDQ05 or SDQ06 is present, then the other is required. 2 If either SDQ07 or SDQ08 is present, then the other is required. 3 If either SDQ09 or SDQ10 is present, then the other is required. 4 If either SDQ11 or SDQ12 is present, then the other is required. 5 If either SDQ13 or SDQ14 is present, then the other is required. 6 If either SDQ15 or SDQ16 is present, then the other is required. 7 If either SDQ17 or SDQ18 is present, then the other is required. 8 If either SDQ19 or SDQ20 is present, then the other is required. 9 If either SDQ21 or SDQ22 is present, then the other is required. 	
Semantic Notes:	<ol style="list-style-type: none"> 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21. 	
Comments:	<ol style="list-style-type: none"> 1 SDQ02 is used only if different than previously defined in the transaction set. 2 SDQ03 is the store number. 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions. 	
Notes:	<p><i>Use this segment when known quantities of the line item are to be delivered to multiple locations on the same date, and the locations can be identified by a DUNs number, a CAGE code, a DoDAAC, or a MAPAC.</i></p>	

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SDQ01	355		Unit or Basis for Measurement Code	M ID 2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
				<i>1. Use any code other than code ZZ, but it must be the same code as specified in PO103.</i>	
				<i>2. An application program conversion table may be required to convert codes to ASC X12 codes.</i>	
				Refer to 003050 Data Element Dictionary for acceptable code values.	
	SDQ02	66		Identification Code Qualifier	O ID 1/2
				Code designating the system/method of code structure used for Identification Code (67)	
				<i>While the Federal EDI program uses the DUNS number, other Government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>	
			1	D-U-N-S Number, Dun & Bradstreet	
				<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
				<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
			10	Department of Defense Activity Address Code (DODAAC)	
				<i>Use to indicate a Department of Defense or Civilian Agency Activity Address Code.</i>	
			33	Commercial and Government Entity (CAGE)	

		A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity	
Must Use	SDQ03	67	Identification Code Code identifying a party or other code	M AN 2/20
Must Use	SDQ04	380	Quantity Numeric value of quantity	M R 1/15
	SDQ05	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ06	380	Quantity Numeric value of quantity	X R 1/15
	SDQ07	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ08	380	Quantity Numeric value of quantity	X R 1/15
	SDQ09	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ10	380	Quantity Numeric value of quantity	X R 1/15
	SDQ11	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ12	380	Quantity Numeric value of quantity	X R 1/15
	SDQ13	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ14	380	Quantity Numeric value of quantity	X R 1/15
	SDQ15	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ16	380	Quantity Numeric value of quantity	X R 1/15
	SDQ17	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ18	380	Quantity Numeric value of quantity	X R 1/15
	SDQ19	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ20	380	Quantity Numeric value of quantity	X R 1/15
	SDQ21	67	Identification Code Code identifying a party or other code	X AN 2/20
	SDQ22	380	Quantity Numeric value of quantity	X R 1/15
Not Used	SDQ23	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment:	DTM Date/Time Reference	
Position:	210	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	<p>1 At least one of DTM02 DTM03 or DTM06 is required.</p> <p>2 If either DTM06 or DTM07 is present, then the other is required.</p>	
Semantic Notes:		
Comments:		
Notes:	<p>1. Use this 2/DTM/210 segment to provide actual dates applicable to the line item. Use the 1/DTM/150 segment when the dates apply to all of the line items.</p> <p>2. Use this segment for delivery information when the required delivery can be specified as an actual date. If the delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/321 loop or the 2/LDT/462 loop if the delivery schedule is applicable to a named entity.</p>	

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes	
				M	ID 3/3
	DTM01	374	Date/Time Qualifier		
			Code specifying type of date or time, or both date and time		
		002	Delivery Requested		
			Use when the delivery date of the order does not conform to the basic IDC instrument.		
		007	Effective		
			Use with codes RD6 or RD8 in DTM06 to indicate the ordering period for a line item, e.g., a provisioned item. Specify the date range in DTM07.		
		017	Estimated Delivery		
		063	Do Not Deliver After		
			Use to indicate that deliveries cannot be made after a specified date and/or time.		
		064	Do Not Deliver Before		
			Use to indicate that deliveries cannot be made before a specified date and/or time.		
		077	Requested for Delivery (Week of)		
			When this code is used, cite the beginning day of the week.		
		106	Required By		
			Use to indicate delivery is due exactly on the date specified.		
		174	Month Ending		
			Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.		
		193	Period Start		
			Use to indicate the start of a period of performance or lease.		
		194	Period End		
			Use to indicate the end of a period of performance or lease.		
		275	Approved		
			Date report was approved by contractor representative		

			<i>Use to indicate the approval date of a Contract Data Requirements List.</i>
368		Submittal	Date an item was submitted to a customer <i>When REF01 is code TN, use to indicate the date of a related transaction set.</i>
375		Delivery Start	The date that deliveries will begin <i>Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified time period.</i>
376		Delivery End	The date that deliveries will end <i>Use to indicate the end date/time for deliveries when the total quantity is to be delivered during a specified time period.</i>
405		Production	Used to identify dates and times that operations or processes were performed <i>Use to indicate the preparation date of a Contract Data Requirements List.</i>
600		As Of	<i>Use to indicate the "as of" date for submission of data.</i>
601		First Submission	<i>Use to indicate the date of the first submission of a data item specified by a Contract Data Requirements List.</i>
602		Subsequent Submission	<i>Use to indicate the date(s) of a subsequent submission(s) of a data item specified by a Contract Data Requirements List.</i>
641		Option	<i>Use with DTM02 to indicate the last date for the exercise of an option or with DTM06/07 to indicate the period during which the option may be exercised.</i>
937		Department of Labor Wage Determination Date	<i>Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.</i>
994		Quote	The date on which a (price) quote was rendered <i>When REF01 is code PR, use to indicate the date of the quote or offer.</i>
996		Required Delivery	A date on which or before, ordered goods or services must be delivered <i>Use to indicate delivery is due on or before the specified date.</i>
DTM02	373	Date Date (YYMMDD)	X DT 6/6
DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds	X TM 4/8

<p>are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p> <p><i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i></p>			
DTM04	623	Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		<i>Use only when DTM03 is used to express a time.</i>	
		CT Central Time	
		ET Eastern Time	
		GM Greenwich Mean Time	
		LT Local Time	
		MT Mountain Time	
		PT Pacific Time	
DTM05	624	Century	O NO 2/2
		The first two characters in the designation of the year (CCYY)	
DTM06	1250	Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
		<i>1. Use any code.</i>	
		<i>2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.</i>	
		<i>3. Use also to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
DTM07	1251	Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	
		<i>When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.</i>	

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)		
Position:	250		
Loop:	PO1 Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	12		
Purpose:	To specify the carrier and sequence of routing and provide transit time information		
Syntax Notes:	<p>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</p> <p>2 If TD502 is present, then TD503 is required.</p> <p>3 If TD507 is present, then TD508 is required.</p> <p>4 If TD510 is present, then TD511 is required.</p>		
Semantic Notes:			
Comments:	<p>1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.</p>		
Notes:	<p><i>Use this 2/TD5/250 segment to identify the transportation method that is applicable to a specific line item. Use the 2/TD5/430 segment if the transportation method for the line item applies to a named entity.</i></p>		

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element	Name
Not Used	TD501	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement
	TD502	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)
		10	Department of Defense Activity Address Code (DODAAC)
			<i>When TD504 is code PL, use to indicate the number in TD503 is the DoDAAC of the pipeline.</i>
	TD503	67	Identification Code Code identifying a party or other code
	TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment
			<i>1. Use any code other than code ZZ.</i>
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>
			D Parcel Post
			<i>Use to indicate the U.S. Postal Service and not a private carrier.</i>
			Refer to 003050 Data Element Dictionary for acceptable code values.
Not Used	TD505	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity
Not Used	TD506	368	Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction
Not Used	TD507	309	Location Qualifier Code identifying type of location
Not Used	TD508	310	Location Identifier Code which identifies a specific location
Not Used	TD509	731	Transit Direction Code The point of origin and point of direction

Not Used	TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time	O	ID 2/2
Not Used	TD511	733	Transit Time The numeric amount of transit time	X	R 1/4
	TD512	284	Service Level Code Code defining service	X	ID 2/2

- 1. Use any code other than code ZZ.*
- 2. When TD401 is code EMR, use to identify the transportation requirements to satisfy the Emergency Order.*

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	TD4 Carrier Details (Special Handling or Hazardous Materials or Both)		
Position:	270		
Loop:	PO1 Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	5		
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both		
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of TD401 TD402 or TD404 is required. 2 If TD402 is present, then TD403 is required. 		
Semantic Notes:			
Comments:			
Notes:	<p><i>Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/450 segment when the information applies to a named entity.</i></p>		
Data Element Summary			
<u>Ref.</u>	<u>Data</u>		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	
		<i>AMM A.M. Delivery Requirement</i>	
		<i>DA Dangerous</i>	
		<i>EMR Emergency Service</i>	
		<i>Use to indicate an Emergency Order. When this code is used, TD512 may be used to specify transportation requirements.</i>	
		<i>EP Expedite</i>	
		<i>EX Explosive Flammable Gas</i>	
		<i>FG Flammable Gas</i>	
		<i>FL Flammable</i>	
		<i>FP Flammable Poison Gas</i>	
		<i>HM Endorsed as Hazardous Material</i>	
		<i>LT Less Than Full Carload</i>	
		<i>LT Less Than Truckload</i>	
		<i>NC Notify Consignee Before Delivery</i>	
		<i>PG Poisonous Gas</i>	
		<i>PMM P.M. Delivery Requirement</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

Segment:	MAN Marks and Numbers		
Position:	280		
Loop:	PO1 Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To indicate identifying marks and numbers for shipping containers		
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required. 		
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range. 		
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained. 		
Notes:	<p><i>1. Use this 2/MAN/280 segment to identify marks and numbers that apply to a specific line item. Use the 1/MAN/270 segment to identify marks and numbers that apply to all the line items.</i></p> <p><i>2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.</i></p>		

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87)	M ID 1/2
			L Line Item Only	
Must Use	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/45
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87)	X ID 1/2
			L Line Item Only	
	MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/45
	MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45
			L Line Item Only	

Segment: MSG Message Text

Position: 289
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes:

Semantic Notes:

Comments:

1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

1. *Use to provide any plain text information not associated with a lead time, a clause, or an address.*

2. *Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

Segment: **SPI** Specification Identifier
Position: 291
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a description of the included specification or technical data items
Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:
Comments:
Notes:

Use this segment to identify those elements of the award instrument that are classified and to specify the level of classification.

Data Element Summary

	<u>Ref.</u>	<u>Data Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use			786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following <i>Use to specify the level of Government security classification or commercial protection level assigned to the items identified in SPI02/03. If the item has both a Government security classification and a commercial protection level, cite the Government security classification in this data element and cite the commercial protection level in SPI09.</i>	M ID 2/2
			06	Supplier Proprietary	
			92	Government Confidential	
			93	Government Secret	
			94	Government Top Secret	
			128	Reference Number Qualifier Code qualifying the Reference Number. <i>1. Use to identify items within the transaction set that are classified, e.g., FMS case number, drawing number, SOW, etc. Use SPI04 to further define the number or description of the item cited in SPI03, if necessary.</i> <i>2. Use any code other than code ZZ.</i>	X ID 2/2
			127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
			790	Entity Title Title of the data entity	O AN 1/132
			791	Entity Purpose <i>Use only if necessary to further define the item cited in SPI03.</i>	O AN 1/80
			792	Entity Status Code Code indicating the current status of the data item specified by the electronic data item	O ID 1/1
			353	Transaction Set Purpose Code Code identifying purpose of transaction set	O ID 2/2
			755	Report Type Code Code indicating the title or contents of a document, report or supporting item	O ID 2/2
			786	Security Level Code	O ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item in SPI03, if applicable.

06 Supplier Proprietary

Not Used	SPI10	559	Agency Qualifier Code	O	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SPI11	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	SPI12	554	Assigned Number	O	NO 1/6
			Number assigned for differentiation within a transaction set		
Not Used	SPI13	1322	Certification Type Code	O	ID 1/1
			Code indicating the type of certification		
Not Used	SPI14	1401	Proposal Data Detail Identifier Code	O	ID 1/3
			Code identifying the basis of a cited value in a proposal		

Segment:	TXI Tax Information		
Position:	292		
Loop:	PO1 Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify tax information		
Syntax Notes:	1 At least one of TXI02 TXI03 or TXI06 is required. 2 If either TXI04 or TXI05 is present, then the other is required. 3 If TXI08 is present, then TXI03 is required.		
Semantic Notes:	1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.		
Comments:	1 TXI02 is the monetary amount of the tax. 2 TXI03 is the tax percent expressed as a decimal. 3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.		
Notes:	<i>Use this 2/TXI/292 segment to identify taxes that apply to individual line item amounts.</i> <i>Use the 1/TXI/285 segment to identify taxes that apply to the entire order amount.</i>		

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TXI01	963	Tax Type Code	Code specifying the type of tax	M ID 2/2
				<i>Use any code other than code ZZ.</i>	
				Refer to 003050 Data Element Dictionary for acceptable code values.	
	TXI02	782	Monetary Amount	Monetary amount	X R 1/15
	TXI03	954	Percent	Percentage expressed as a decimal	X R 1/10
				<i>Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>	
Not Used	TXI04	955	Tax Jurisdiction Code Qualifier	Code identifying the source of the data used in tax jurisdiction code	X ID 2/2
Not Used	TXI05	956	Tax Jurisdiction Code	Code identifying the taxing jurisdiction	X AN 1/10
	TXI06	441	Tax Exempt Code	Code identifying exemption status from sales and use tax	X ID 1/1
				<i>Use any code.</i>	
				Refer to 003050 Data Element Dictionary for acceptable code values.	
	TXI07	662	Relationship Code	Code indicating the relationship between entities	O ID 1/1
			A	Add	
				<i>Use to indicate the tax amount cited in TXI02 is to be added to the total line item amount.</i>	
			D	Delete	
				<i>Use to indicate the tax amount cited in TXI02 has been deleted from the total line item amount proposed in the Response to the Solicitation.</i>	
			I	Included	
				<i>Use to indicate the tax amount cited in TXI02 is included in the total line item amount.</i>	
	TXI08	828	Dollar Basis For Percent	Dollar basis to be used in the percent calculation of the allowance, charge or tax	O R 1/9

TXI09	325	Tax Identification Number Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number <i>When TXI06 is used, provide the purchasing activity's tax exempt number when required by the taxing jurisdiction.</i>	O AN 1/20
TXI10	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>1. Use to identify the ACRN, project code, funding code, or accounting code to which a tax is applicable. These codes and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.</i> <i>2. Use only when TXI07 is code A.</i>	O AN 1/11

Segment:	SCH Line Item Schedule		
Position:	295		
Loop:	SCH Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the data for scheduling a specific line-item		
Syntax Notes:	<p>1 If SCH03 is present, then SCH04 is required.</p> <p>2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.</p> <p>3 If SCH09 is present, then SCH08 is required.</p> <p>4 If SCH10 is present, then SCH08 is required.</p> <p>1 SCH12 is the schedule identification.</p> <p>1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.</p>		
Semantic Notes:			
Comments:			
Notes:	<p><i>Use the 2/SCH/295 segment to describe a partial delivery when it can be specified as an actual date and there is only one ship-to address. If there is more than one entity receiving partial shipments, use the 2/SCH/415 segment.</i></p>		

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SCH01	380	Quantity	M R 1/15
			Numeric value of quantity	
Must Use	SCH02	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SCH03	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
Not Used	SCH04	93	Name	X AN 1/35
			Free-form name	
Must Use	SCH05	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		002	Delivery Requested	
			<i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>	
		017	Estimated Delivery	
		063	Do Not Deliver After	
			<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
		064	Do Not Deliver Before	
			<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
		077	Requested for Delivery (Week of)	
			<i>When this code is used, cite the beginning day of the week.</i>	
		106	Required By	
			<i>Use to indicate that deliveries are due exactly on the specified date.</i>	
		174	Month Ending	
			<i>When this code is used, cite the last date of the month.</i>	
		358	Cycle Begin	
			Date on which the cycle begins	

Must Use	SCH06	373	Date	Delivery Start The date that deliveries will begin	M DT 6/6
			Date (YYMMDD)		
	SCH07	337	Time	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	O TM 4/8
	SCH08	374	Date/Time Qualifier	Code specifying type of date or time, or both date and time	X ID 3/3
			002	Delivery Requested <i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>	
			017	Estimated Delivery	
			063	Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
			064	Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
			077	Requested for Delivery (Week of) <i>When this code is used, cite the beginning day of the week.</i>	
			106	Required By <i>Use to indicate that deliveries are due exactly on the specified date.</i>	
			174	Month Ending <i>When this code is used, cite the last date of the month.</i>	
			359	Cycle End	
			376	Date on which the cycle ends Delivery End	
			996	The date that deliveries will end Required Delivery A date on which or before, ordered goods or services must be delivered <i>Use to indicate that delivery is due on or before the specified date.</i>	
SCH09	373	Date	Date (YYMMDD)	X DT 6/6	
		Date (YYMMDD)			
SCH10	337	Time	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	X TM 4/8	
		Time			
SCH11	326	Request Reference Number	O AN 1/45		

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)
Use to identify a reference number applicable to the delivery, e.g., a requisition number.

Not Used	SCH12	350	Assigned Identification	O AN 1/11
Alphanumeric characters assigned for differentiation within a transaction set				

Segment:	PKG Marking, Packaging, Loading		
Position:	300		
Loop:	PKG Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To describe marking, packaging, loading, and unloading requirements		
Syntax Notes:	<p>1 At least one of PKG04 PKG05 or PKG06 is required.</p> <p>2 If PKG04 is present, then PKG03 is required.</p> <p>3 If PKG05 is present, then PKG01 is required.</p>		
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.		
Comments:	<p>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</p> <p>2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used.</p> <p>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</p> <p>4 Special marking or tagging data can be given in PKG05 (description).</p>		
Notes:	<p>1. <i>Use this 2/PKG/300 segment when packaging requirements apply to specific line items. Use the 2/PKG/460 segment if the packaging requirements apply to a named entity.</i></p> <p>2. <i>Packaging information such as the number of items in a unit container; the number of unit containers in a intermediate container; a requirement for palletized loads or shrink wrap; or the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.</i></p>		

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name	Type	
PKG01	349	Item Description	Text	X ID 1/1
		Code indicating the format of a description		
		F Free-form		
		S Structured (From Industry Code List)		
		X Semi-structured (Code and Text)		
PKG02	753	Packaging Characteristic Code		O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described		
		<i>Use the listed codes to identify the applicable packaging requirements.</i>		
		CD Cleaning or Drying Procedure		
		CT Cushioning Thickness		
		CUD Cushioning and Dunnage		
		HM Hazardous Material		
		IC Intermediate Container		
		LP Level Of Preservation		
		OPI Optional Procedure Indicator		
		PK Packing		
		<p><i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments.</i></p> <p><i>When standard commercial packaging per ASTM D 3951 is acceptable, cite MIL-STD 2073-2C code X in PKG04.</i></p>		

			PM	Preservation Method
			PML	Preservation Material
			SMK	Special Marking
			UC	Unit Container
			UCL	Unit Container Level
			WM	Wrapping Material
PKG03	559	Agency Qualifier Code		X ID 2/2
		Code identifying the agency assigning the code values		
		DF	Department of Defense (DoD)	
		GS	General Services Administration (GSA)	
			Responsible for Federal Specification	
		ZZ	Mutually Defined	
			<i>Use to indicate a Federal activity other than DoD or GSA.</i>	
PKG04	754	Packaging Description Code		X AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
		<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in Code Source List 197 (MIL-STD 2073-2C).</i>		
		<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).</i>		
		<i>3. Insert "Z" or "ZZ" (dependent of the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide the supplementary or special requirements.</i>		
		<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>		
		<i>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>		
PKG05	352	Description		X AN 1/80
		A free-form description to clarify the related data elements and their content		
		<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>		
		<i>2. Use of free text is discouraged if the information can be provided by some other means within the transaction set.</i>		
Not Used	PKG06	Unit Load Option Code		X ID 2/2
		Code identifying loading or unloading a shipment		

Segment:	LS Loop Header	
Position:	320	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To indicate that the next segment begins a loop	
Syntax Notes:		
Semantic Notes:	<p>1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.</p> <p>1 See Figures Appendix for an explanation of the use of the LS and LE segments.</p> <p><i>Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.</i></p>	
Comments:		
Notes:		

Data Element Summary

	Ref.	Data		<u>Attributes</u>
		<u>Element</u>	<u>Name</u>	
Must Use	LS01	447	Loop Identifier Code	M AN 1/4

The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Cite the letters LDT.

Segment:	LDT Lead Time	
Position:	321	
Loop:	LDT	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:	1. LDT04 is the effective date of lead time information.	
Comments:	1. LDT02 is the quantity of unit of time periods.	
Notes:	<p>1. Use this 2/LDT/321 loop when the delivery schedule is expressed as a set time period after the occurrence of some event, and varies by line item. If the delivery schedule is applicable to a named entity, use the 2/LDT/462 loop. If this segment is used, the 2/DTM/210 segment is not used to describe a delivery schedule.</p> <p>2. The following are examples of how this LDT loop can be used to specify a delivery schedule:</p>	
<p><i>Example 1: Deliver 50 each 180 days after date of order.</i></p> <p><i>LDT*AY*180*DA n/l</i> <i>QTY*1J*50*EA n/l</i></p> <p><i>Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.</i></p> <p><i>LDT*AY*180*DA n/l</i> <i>QTY*1J*50*MO n/l</i></p> <p><i>Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is complete.</i></p> <p><i>LDT*AY*90*DA n/l</i> <i>QTY*1J*2500*Q1 n/l</i> <i>QTY*1K*4*Q1 n/l</i> <i>LDT*AM*1*MO n/l</i> <i>QTY*1J*1000*MO n/l</i> <i>QTY*1K*10*MO n/l</i> <i>LDT*AK*1*MO n/l</i> <i>QTY*1J*500*EA n/l</i></p>		

Data Element Summary

Must Use	Ref.	Des.	Data		Attributes
			Element	Name	
	LDT01		345	Lead Time Code	M ID 2/2
				Code indicating the time range	
			AD	From date of sample approval to first product shipment	
			AH	From Date of Receipt of First Article to First Article Approval	
			AI	From Date of a Specified Event to Delivery	
				<p><i>When this code is used, identify the specified event in the following MSG segment. If the specified event is the scheduling of a shipment or the requesting of shipping instructions, cite the contact communications number in the 2/PER/400 segment.</i></p>	
			AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)	

			AK	From Date Of Latest Delivery To Final Delivery
			AM	From Date Of Previous Delivery To Date Of SubsequentDelivery
			AV	From Date of Award to Date of Latest Delivery
			AW	From Date of Award to Date of Earliest Delivery
			AX	From Date of Award to Date of Completion
			AY	<i>Use to indicate the completion date, e.g., for a level of effort.</i>
			AZ	From Date of Award to Date of Delivery
				From Date of Receipt of Item to Date of Approval of Item
Must Use	LDT02	380	Quantity	M R 1/15
				Numeric value of quantity
Must Use	LDT03	344	Unit of Time Period or Interval	M ID 2/2
				Code indicating the time period or interval
			CY	Calendar Year
			DA	Calendar Days
			KK	Maximum Calendar Days
				<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>
			MO	Month
			QY	Quarter of a Year
			SA	Semiannual
			WK	Weeks
	LDT04	373	Date	O DT 6/6
				Date (YYMMDD)
				<i>Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.</i>

Segment: **QTY** Quantity
Position: 322
Loop: LDT Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information

Syntax Notes:

Semantic Notes:

Comments:

Notes:

1. Use this segment to specify the quantity of an item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.
2. Use also, to indicate the length of the delivery period, e.g., 4 quarters or the number of shipments.

Data Element Summary

Must Use	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attributes	
				M	ID 2/2
	QTY01	673	Quantity Qualifier		
			Code specifying the type of quantity		
		1J	Due		
			The amount due to the customer		
		1K	Time Units		
			The number of time units such as 8 (hours)		
		52	Number of Originals		
			Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.		
		K6	Drafts		
			Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.		
		KF	Duplicates		
			Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements List that are to be delivered.		
		SA	Shipments		
			Use to indicate the number of shipments expected to complete the deliverable quantity.		
Must Use	QTY02	380	Quantity	M	R 1/15
			Numeric value of quantity		
			1. When QTY01 is code 1J, cite the quantity to be delivered.		
			2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.		
	QTY03	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			1. Use any code other than code ZZ.		

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

DA Days

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

MO Months

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

WK Week

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

YR Years

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

MSG Message Text**Position:** 323**Loop:** LDT Optional**Level:** Detail**Usage:** Optional**Max Use:** 1**Purpose:** To provide a free form format that would allow the transmission of text information.**Syntax Notes:****Semantic Notes:****Comments:**

1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Notes:*When LDT01 is code A1, use to identify the specified event.***Data Element Summary**

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

Segment:	REF Reference Numbers		
Position:	324		
Loop:	LDT Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	3		
Purpose:	To specify identifying numbers.		
Syntax Notes:	1 At least one of REF02 or REF03 is required.		
Semantic Notes:			
Comments:			
Notes:	<i>Use this segment to identify reference numbers applicable to a delivery, e.g., a requisition number, an ACRN, a GBL, etc.</i>		

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes
	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
		10	Account Managers Code	
			Identifies the telecommunications manager assigned to this account	
			<i>Use to indicate an accounting code.</i>	
		1Z	Financial Detail Code	
		AT	Appropriation Number	
			<i>When used, cite the number in REF03.</i>	
		AX	Government Accounting Class Reference Number (ACRN)	
		BL	Government Bill of Lading	
		FU	Fund Code	
			Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
		IL	Internal Order Number	
			<i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>	
		P4	Project Code	
		TG	Transportation Control Number (TCN)	
		TH	Transportation Account Code (TAC)	
	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>When REF01 is code AT, use to identify the appropriation number.</i>	

Segment:	LM Code Source Information	
Position:	325	
Loop:	LM	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	1 LM02 identifies the applicable industry code list source information.	
Notes:	<i>Use this 2/LM/325 loop to provide the codes from DoD 5010.12-M that identify the frequency of delivery for a Contract Data Requirements List (CDRL) data item.</i>	

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
		DF	Department of Defense (DoD)	
Not Used	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment: **LQ** Industry Code
Position: 326
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		O ID 1/3
LQ01	1270	Code List Qualifier Code		Frequency
		Code identifying a specific industry code list		<i>Use to indicate the delivery frequency code for a data item deliverable on a Contract Data Requirements List.</i>
LQ02	1271	Industry Code		X AN 1/20
		Code indicating a code from a specific industry code list		

Segment:	LE Loop Trailer
Position:	327
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To indicate that the loop immediately preceding this segment is complete
Syntax Notes:	
Semantic Notes:	<p>1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.</p> <p>1 See Figures Appendix for an explanation of the use of the LE and LS segments.</p> <p><i>Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.</i></p>
Comments:	
Notes:	

Data Element Summary

	Ref. Des.	Data		Attributes
		Element	Name	
Must Use	LE01	447	Loop Identifier Code The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE <i>Cite the letters LDT.</i>	M AN 1/4

Segment:	N9 Reference Number	
Position:	330	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier	
Syntax Notes:	1 At least one of N902 or N903 is required. 2 If N906 is present, then N905 is required. 1 N906 reflects the time zone which the time reflects.	
Semantic Notes:		
Comments:		
Notes:	<ol style="list-style-type: none"> 1. Use this 2/N9/330 loop to identify various clauses (e.g., FAR, DFARS, GSARS, VAARS, Agency, or other clauses), OMB Circular, special instructions, or other references that are applicable to a specific line item. If the information applies to all of the line items, use the 1/N9/290 loop. 2. When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date MUST be cited in the following MSG segment. 3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment. 	

Data Element Summary

Must Use	Ref.	Data	Name	Attributes
	Des.	Element		
N901	128	Reference Number Qualifier	Code qualifying the Reference Number.	M ID 2/2
	5N		Citation of Statute	
			<i>Use to indicate the legislative authorization under which the line item is awarded. Cite the legislative program title in N903.</i>	
	73		Statement of Work (SOW)	
			Description of a product or service to be procured under a contract; statement of requirements	
	BB		Authorization Number	
			Proves that permission was obtained to provide a service	
	CJ		<i>Use to indicate the Code of Federal Regulations.</i>	
			Clause Number	
	DF		<i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFARS, etc.). Identify the purchasing activity issuing the clause in N903.</i>	
	DX		Defense Federal Acquisition Regulations (DFAR)	
			Department/Agency Number	
			<i>Use to indicate an Agency clause and identify the agency in N903.</i>	
	EC		Circular	
			<i>Use to indicate an Office of Management and Budget (OMB) circular number.</i>	
	FA		Federal Acquisition Regulations (FAR)	
	GS		General Services Administration Regulations (GSAR)	
	K7		Paragraph Number	
			<i>Use to provide information for a contractor. Cite an applicable number in N902 and provide the</i>	

			information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires.
	KD	Special Instructions Number	
	KY	Use to indicate a special instruction. Indicate the agency, or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.	
	KZ	Site Specific Procedures, Terms, and Conditions	
		A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents	
		Master Solicitation Procedures, Terms, and Conditions	
		A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents	
		<i>Use to indicate the Master Solicitation number that contains applicable terms and conditions.</i>	
	VB	Department of Veterans Affairs Acquisition	
	Regulations (VAAR)		
	ZZ	Mutually Defined	
		<i>Use to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.</i>	
N902	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
N903	369	Free-form Description	X AN 1/45
		Free-form descriptive text	
		<i>1. When N901 is code CJ or DX, use to identify the agency or purchasing activity issuing the clause cited in N902.</i>	
		<i>2. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.</i>	
		<i>3. When N902 cites a FAR or other Progress Payment clause codified within 48 CFR and the Progress Payment rate is other than the customary rate, cite the words PROGRESS PAYMENT RATE and provide the rate in the following MSG segment.</i>	
		<i>4. Use of free-form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
N904	373	Date	O DT 6/6
		Date (YYMMDD)	
		<i>Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.</i>	
Not Used	N905	Time	X TM 4/8

Not Used N906 623

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Time Code

O ID 2/2

Code identifying the time. In accordance with International Standards

Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Segment:	MSG Message Text		
Position:	340		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1000		
Purpose:	To provide a free form format that would allow the transmission of text information.		
Syntax Notes:			
Semantic Notes:			
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.		
Notes:	<p>1. <i>Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.</i></p> <p>2. <i>When N903 cites the words PROGRESS PAYMENT RATE, use this segment to identify the rate.</i></p> <p>3. <i>This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.</i></p> <p>4. <i>When providing fill-in information, the following format is recommended:</i></p> <p>a) <i>In the first iteration of the segment, cite the clause title, and the clause alternate identifier with date if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.</i></p> <p>b) <i>For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.</i></p> <p>5. <i>The purpose of the pipe sign () is to provide an indication to receiving applications that the data string related to a single entry has been completed.</i></p>		
	<p><i>An example of a clause with 3 fill-ins follows:</i></p> <p><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984) 3 </i></p> <p><i>MSG*1. 30 </i></p> <p><i>MSG*2. 30 Sep 1995 </i></p> <p><i>MSG*3. 15 Jan 1995 </i></p>		
	<p>6. <i>An example alternative format provides all fill-in information within the title MSG segment as follows:</i></p> <p><i>MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984) 3 30 Sep 30, 1995 Jan 15, 1995 </i></p>		

Data Element Summary			
Ref.	Data	Attributes	
Must Use	Des.	Element	Name
	MSG01	933	Free-Form Message Text
			Free-form message text
<p><i>When citing a Progress Payment rate, the rate (percentage) shall be cited as a four position number with two decimal places. Cite 87 percent as 87.00,</i></p>			

850 Purchase Order

Not Used MSG02

934

cite 87.5 percent as 87.50, cite 7.25 percent as 07.25.

Printer Carriage Control Code

O ID 2/2

A field to be used for the control of the line feed of the receiving printer

100000

Segment:	N1 Name		
Position:	350		
Loop:	N1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	<p>1 At least one of N102 or N103 is required.</p> <p>2 If either N103 or N104 is present, then the other is required.</p>		
Semantic Notes:			
Comments:	<p>1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</p> <p>2 N105 and N106 further define the type of entity in N101.</p>		
Notes:	<p>1. <i>Use the 2/N1/350 loop to identify organizations and locations that apply to a specific line item. Use the 1/N1/310 loop to identify organizations and locations that apply to all of the line items.</i></p> <p>2. <i>Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.</i></p> <p>3. <i>When this segment is used to provide a ship-to address for distribution of a data item on a Contract Data Requirements List, N102 should be used to specify the office symbol or code within the receiving organization, if necessary.</i></p>		

Data Element Summary				
Ref.	Data	Element	Name	Attributes
Must Use	Des.			
	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
		28	Subcontractor	
		31	Postal Mailing Address	<p><i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i></p>
		44	Data Processing Service Bureau	
				<p><i>Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i></p>
		61	Performed At	<p>Performed At</p> <p><i>Use to indicate additional places of performance applicable to the line item.</i></p>
			The facility where work was performed	
		7D	Contracting Officer Representative	
		7G	Hazardous Material Office	<p><i>Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.</i></p>
		7H	Government Furnished Property FOB Point	
		7L	Preliminary Inspection Location	<p><i>Use to indicate the inspection location for a first article.</i></p>

7M	Inspection and Acceptance Location <i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>
7P	Transportation Office
88	Approver Manufacturer's representative approving claim for payment <i>Use to indicate the party approving a Contract Data Requirements List.</i>
AE	Additional Delivery Address <i>Use to indicate a shipment in-place location.</i>
BT	Bill-to-Party <i>Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal government billed party and not the party the contractor bills. Use is discouraged. Use only when the contractor or other party receiving the order or a copy of the order, needs to receive this information.</i>
CY	Country <i>Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable two position ISO 3166 country code in N404.</i>
DL	Dealer <i>Use to indicate a dealer or reseller of products.</i>
DS	Distributor <i>Use to indicate a distributor of products.</i>
E5	Examiner <i>Use to indicate a Grant Investigator.</i>
IC	Intermediate Consignee <i>When FOB02 is code IT, use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
KA	Item Manager The address of the person responsible for the management of an item of supply <i>Use to indicate the government inventory manager.</i>
KF	Audit Office The office performing the audit
KG	Project Manager The address of the person responsible for the management of a designated project <i>Use to indicate the government party responsible for a project to include the advisor under a Grant.</i>
KX	Free on Board Point <i>When FOB02 is code KE, KL, or ZZ, use to specify the other FOB point.</i>
KY	Technical Office <i>Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.</i>

	KZ	Acceptance Location <i>Use when the acceptance point is other than at origin or destination.</i>	
	L1	Inspection Location Place where the item was viewed or inspected <i>Use to indicate the inspection location when it has to be described as an address.</i>	
	OI	Outside Inspection Agency <i>Use to indicate the inspection activity is other than the Contract Administration Office.</i>	
	P1	Preparer The firm, organization, or individual who determines the tax liability from information supplied by the taxpayer <i>Use to indicate the preparer of a Contract Data Requirements List.</i>	
	PA	Party to Receive Inspection Report	
	PC	Party to Receive Cert. of Conformance (C.A.A.)	
	PN	Party to Receive Shipping Notice	
	PO	Party to Receive Invoice for Goods or Services <i>Use to indicate where the invoice should be mailed.</i>	
	PR	Payer <i>Use to indicate the paying office.</i>	
	PW	Pick Up Address	
	R6	Requester <i>Use to indicate the requesting agency/activity.</i>	
	SM	Party to Receive Shipping Manifest	
	ST	Ship To <i>If the address is an FPO or APO, use the appropriate code in N101, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i>	
	SV	Service Performance Site When services are contracted for, this describes the organization for whom or location address at which those services will be performed <i>Use to indicate the location where a service, e.g., grass cutting, is to be performed or where service for a product can be obtained.</i>	
	TS	Party to Receive Certified Test Results	
	X2	Party to Perform Packaging A party responsible for packaging an item after it has been produced	
	Z7	Mark-for Party The party for whom the needed material is intended	
	ZD	Party to Receive Reports The organization designated to receive reports	
N102	93	Name Free-form name	X AN 1/35
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) <i>While the Federal EDI program uses the DUNS number, other Government</i>	X ID 1/2

users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

	1		D-U-N-S Number, Dun & Bradstreet <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>
	9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>
	10		Department of Defense Activity Address Code (DODAAC) <i>Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.</i>
	33		Commercial and Government Entity (CAGE)
	A2		Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
	N104	67	Identification Code X AN 2/20
			Code identifying a party or other code
Not Used	N105	706	Entity Relationship Code O ID 2/2
			Code describing entity relationship
Not Used	N106	98	Entity Identifier Code O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual

Segment: **N2** Additional Name Information
Position: 360
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary				
Must Use	Ref. Des.	Data		<u>Attributes</u>
		Element	Name	
	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 370
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

Must Use	Ref. <u>Des.</u>	Data		<u>Attributes</u>
		Element	Name	
	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	

Segment:	N4 Geographic Location
Position:	380
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none">1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country <i>Cite the two position ISO 3166 country code.</i>	O ID 2/3
N405	309	Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).</i>	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	O AN 1/30

Segment: REF Reference Numbers
Position: 390
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes:
Semantic Notes:
Comments:

Notes:

Use this segment to identify reference numbers applicable to a ship-to location, i.e., when N101 is code ST. The number cited can be a reference number or a code used in place of financial accounting data, e.g., an ACRN, fund code, etc.; a transportation control number; a GBL number; a requisition number; or the financial accounting number.

Data Element Summary

Must Use	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attributes
	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		10	Account Managers Code Identifies the telecommunications manager assigned to this account	
		1Z	<i>Use to indicate an accounting code.</i> Financial Detail Code	
		AT	Appropriation Number <i>When used, cite the number in REF03.</i>	
		AX	Government Accounting Class Reference Number (ACRN)	
		BL	Government Bill of Lading	
		FU	Fund Code Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
		IL	Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>	
		P4	Project Code	
		TG	Transportation Control Number (TCN)	
		TH	Transportation Account Code (TAC)	
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content <i>When REF01 is code AT, use to identify the appropriation number.</i>	X AN 1/80

Segment: **PER** Administrative Communications Contact

Position: 400

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
		AV	Advisor	<i>Use in conjunction with N101 code KG to indicate the government party who will work with the contractor on basic R&D efforts in a particular science area.</i>
		CD	Contract Contact	<i>Use in conjunction with N101 code 7D to indicate the Contracting Officer's Representative.</i>
		CN	General Contact	<i>Use in conjunction with N101 code ST to indicate the accepting official at destination.</i>
		HM	Hazardous Material Contact	
		IC	Information Contact	<i>Use in conjunction with N101 code 7G.</i>
		NT	Notification Contact	<i>Use with an applicable N101 code to indicate an information point of contact when no other code applies.</i>
		PP	Program Manager	<i>When N101 is code ST, LDT01 in the 2/LDT/321 or 2/LDT/462 segment cites code AI, and the 2/MSG/323 or 2/MSG/468 segment specifies a requirement to obtain shipping instructions, use to indicate the party to contact.</i>
				<i>1. Includes Grants Project Officer</i>
				<i>2. Use in conjunction with N101 code KG.</i>
		RE	Receiving Contact	<i>When N101 is code ST, LDT01 in the 2/LDT/321 or 2/LDT/462 segment cites code AI, and the 2/MSG/323 or 2/MSG/468 segment specifies a requirement to schedule a shipment, use to indicate the party to contact.</i>
	PER02	93	Name	O AN 1/35
			Free-form name	
				<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use</i>

		<i>of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>
PER03	365	<p>Communication Number Qualifier X ID 2/2</p> <p>Code identifying the type of communication number</p> <p>AU Defense Switched Network</p> <p>Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)</p> <p>EM Electronic Mail</p> <p>FX Facsimile</p> <p>IT International Telephone</p> <p><i>Include the country code.</i></p> <p>TE Telephone</p> <p><i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i></p>
PER04	364	<p>Communication Number X AN 1/80</p> <p>Complete communications number including country or area code when applicable</p> <p><i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i></p>
PER05	365	<p>Communication Number Qualifier X ID 2/2</p> <p>Code identifying the type of communication number</p> <p><i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i></p> <p>AU Defense Switched Network</p> <p>Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)</p> <p>EM Electronic Mail</p> <p>EX Telephone Extension</p> <p><i>Use only if PER03 is used citing either code AU or TE.</i></p> <p>FX Facsimile</p> <p>IT International Telephone</p> <p><i>Include the country code.</i></p> <p>TE Telephone</p> <p><i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i></p>
PER06	364	<p>Communication Number X AN 1/80</p> <p>Complete communications number including country or area code when applicable</p> <p><i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i></p>
PER07	365	<p>Communication Number Qualifier X ID 2/2</p> <p>Code identifying the type of communication number</p> <p><i>Use to identify a third communications number for the party cited in PER02.</i></p> <p>AU Defense Switched Network</p> <p>Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)</p> <p>EM Electronic Mail</p> <p>EX Telephone Extension</p> <p><i>Use only if PER05 is used citing either code AU or TE.</i></p>

		FX	Facsimile
		IT	International Telephone
		TE	Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER08	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	
PER09	443	Contact Inquiry Reference	O AN 1/20
		Additional reference number or description to clarify a contact number	
		<i>Use, if necessary, to provide the title of the party cited in PER02.</i>	

Segment:	SCH Line Item Schedule		
Position:	415		
Loop:	N1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	200		
Purpose:	To specify the data for scheduling a specific line-item		
Syntax Notes:	1 If SCH03 is present, then SCH04 is required. 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required. 3 If SCH09 is present, then SCH08 is required. 4 If SCH10 is present, then SCH08 is required. 1 SCH12 is the schedule identification. 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.		
Semantic Notes:			
Comments:			
Notes:	<i>Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.</i>		

Data Element Summary					
	Ref.	Data			Attributes
	Des.	Element	Name		
Must Use	SCH01	380	Quantity		M R 1/15
			Numeric value of quantity		
Must Use	SCH02	355	Unit or Basis for Measurement Code		M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			1. Use any code other than code ZZ.		
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SCH03	98	Entity Identifier Code		O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
Not Used	SCH04	93	Name		X AN 1/35
			Free-form name		
Must Use	SCH05	374	Date/Time Qualifier		M ID 3/3
			Code specifying type of date or time, or both date and time		
		002	Delivery Requested		
			<i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>		
		017	Estimated Delivery		
		063	Do Not Deliver After		
			<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>		
		064	Do Not Deliver Before		
			<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>		
		077	Requested for Delivery (Week of)		
			<i>When this code is used, cite the beginning day of the week.</i>		
		106	Required By		
			<i>Use to indicate that deliveries are due exactly on the specified date.</i>		
		174	Month Ending		
			<i>When this code is used, cite the last date of the month.</i>		
		358	Cycle Begin		
			Date on which the cycle begins		

Must Use	SCH06	373	Date Date (YYMMDD)	375	Delivery Start The date that deliveries will begin	M	DT 6/6
				996	Required Delivery A date on which or before, ordered goods or services must be delivered <i>Use to indicate that delivery is due on or before the specified date.</i>		
SCH07	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	O	TM 4/8			
SCH08	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3			
SCH09	373	Date Date (YYMMDD)	002	Delivery Requested <i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>	X	DT 6/6	
SCH10	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	X	TM 4/8			
SCH11	326	Request Reference Number	O	AN 1/45			

			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)
			<i>Use to identify a reference number applicable to the delivery, e.g., a requisition number.</i>
Not Used	SCH12	350	Assigned Identification O AN 1/11 Alphanumeric characters assigned for differentiation within a transaction set

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)		
Position:	430		
Loop:	N1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	12		
Purpose:	To specify the carrier and sequence of routing and provide transit time information		
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 		
Semantic Notes:			
Comments:	<ol style="list-style-type: none"> 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502. 		
Notes:	<p><i>Use this 2/TD5/430 segment to identify the transportation method applicable to a named entity for a specific line item.</i></p>		

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>
Not Used	TD501	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement
	TD502	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)
		10	Department of Defense Activity Address Code (DODAAC)
			<i>When TD504 is code PL, use to indicate the number in TD503 is the DoDAAC of the pipeline.</i>
	TD503	67	Identification Code Code identifying a party or other code
	TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment
			<i>1. Use any code other than code ZZ.</i>
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>
			D Parcel Post
			<i>Use to indicate the U.S. Postal Service and not a private carrier.</i>
			Refer to 003050 Data Element Dictionary for acceptable code values.
Not Used	TD505	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity
Not Used	TD506	368	Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction
Not Used	TD507	309	Location Qualifier Code identifying type of location
Not Used	TD508	310	Location Identifier Code which identifies a specific location
Not Used	TD509	731	Transit Direction Code The point of origin and point of direction
Not Used	TD510	732	Transit Time Direction Qualifier O ID 2/2

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Not Used	TD511	733	Code specifying the value of time used to measure the transit time Transit Time The numeric amount of transit time	X R 1/4
	TD512	284	Service Level Code Code defining service <i>1. Use any code other than code ZZ.</i> <i>2. When TD401 is code EMR, use to identify the transportation requirements to satisfy the Emergency Order.</i>	X ID 2/2

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)

Position: 450

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 5

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes:

- 1 At least one of TD401 TD402 or TD404 is required.
- 2 If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

Notes:

Use this 2/TD4/450 segment when the special handling or hazardous material information is applicable to a named entity for a specific line item.

Data Element Summary

Ref.	Data	Attributes	
Des.	Element	Name	
TD401	152	Special Handling Code Code specifying special transportation handling instructions <i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	X ID 2/3
		<i>AMM A.M. Delivery Requirement</i> <i>DA Dangerous</i> <i>EMR Emergency Service</i> <i>Use to indicate an Emergency Order. When this code is used, TD512 may be used to specify transportation requirements.</i>	
		<i>EP Expedite</i> <i>EX Explosive Flammable Gas</i> <i>FG Flammable Gas</i> <i>FL Flammable</i> <i>FP Flammable Poison Gas</i> <i>HM Endorsed as Hazardous Material</i> <i>LT Less Than Full Carload</i> <i>LT Less Than Truckload</i> <i>NC Notify Consignee Before Delivery</i> <i>PG Poisonous Gas</i> <i>PMM P.M. Delivery Requirement</i>	
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209) <i>Use any code.</i>	X ID 1/1
		<i>Refer to 003050 Data Element Dictionary for acceptable code values.</i>	
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material	X AN 2/4
TD404	352	Description A free-form description to clarify the related data elements and their content <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80

Segment:	PKG Marking, Packaging, Loading		
Position:	460		
Loop:	N1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	200		
Purpose:	To describe marking, packaging, loading, and unloading requirements		
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of PKG04 PKG05 or PKG06 is required. 2 If PKG04 is present, then PKG03 is required. 3 If PKG05 is present, then PKG01 is required. 		
Semantic Notes:	<ol style="list-style-type: none"> 1 PKG04 should be used for industry-specific packaging description codes. 2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 Special marking or tagging data can be given in PKG05 (description). 		
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 Special marking or tagging data can be given in PKG05 (description). 		
Notes:	<ol style="list-style-type: none"> 1. Use this 2/PKG/460 segment to identify packaging requirements applicable to a named entity for a specific line item. 2. Packaging information such as the number of items in a unit container; the number of unit containers in an intermediate container; a requirement for palletized loads or shrink wrap; or the gross weight, cube and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment. 3. When different physical detail information is required for the same line item going to various ship-to addressees, SUBCLINS must be used. 		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify the applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		HM Hazardous Material	
		IC Intermediate Container	
		LP Level Of Preservation	
		OPI Optional Procedure Indicator	
		PK Packing	

When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments.
When standard commercial packaging per ASTM D

			<i>3951 is acceptable, cite MIL-STD 2073-2C code X in PKG04.</i>
			PM Preservation Method PML Preservation Material SMK Special Marking UC Unit Container UCL Unit Container Level WM Wrapping Material
PKG03	559	Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		DF Department of Defense (DoD) GS General Services Administration (GSA) Responsible for Federal Specification ZZ Mutually Defined	
			<i>Use to indicate a federal activity other than DoD or GSA.</i>
PKG04	754	Packaging Description Code	X AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	
			<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in Code Source List 197 (MIL-STD-2073-2C).</i>
			<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).</i>
			<i>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD- 2073-2C. Use PKG05 to provide the supplementary or special requirements.</i>
			<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>
			<i>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>
PKG05	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
			<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>
			<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>
Not Used	PKG06	Unit Load Option Code	X ID 2/2
		Code identifying loading or unloading a shipment	

Segment:	LDT Lead Time		
Position:	462		
Loop:	LDT Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify lead time for availability of products and services		
Syntax Notes:			
Semantic Notes:	1 LDT04 is the effective date of lead time information.		
Comments:	1 LDT02 is the quantity of unit of time periods.		
Notes:	<p><i>1. Use this 2/LDT/462 loop if the delivery schedule is expressed as a set time period after the occurrence of some event, and the ship-to address differs by line item. If the delivery schedule is the same for all the ship-to addressees for the line item, use the 2/LDT/321 loop.</i></p> <p><i>2. The following are examples of how this LDT loop can be used to specify a delivery schedule:</i></p>		
	<p><i>Example 1: Deliver 50 each 180 days after date of order.</i></p> <p><i>LDT*AY*180*DA n/l</i> <i>QTY*1J*50*EA n/l</i></p>		
	<p><i>Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.</i></p> <p><i>LDT*AY*180*DA n/l</i> <i>QTY*1J*50*MO n/l</i></p>		
	<p><i>Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is complete.</i></p> <p><i>LDT*AY*90*DA n/l</i> <i>QTY*1J*2500*Q1 n/l</i> <i>QTY*1K*4*Q1 n/l</i> <i>LDT*AM*1*MO n/l</i> <i>QTY*1J*1000*MO n/l</i> <i>QTY*1K*10*MO n/l</i> <i>LDT*AK*1*MO n/l</i> <i>QTY*1J*500*EA n/l</i></p>		

Data Element Summary

Must Use	Ref. Des.	Data		<u>Attributes</u> M ID 2/2
		Element	Name	
	LDT01	345	Lead Time Code	
			Code indicating the time range	
		AD	From date of sample approval to first product shipment	
		AH	From Date of Receipt of First Article to First Article Approval	
		AI	From Date of a Specified Event to Delivery	
			<p><i>When this code is used, identify the specified event in the following MSG segment. If the specified event is the scheduling of a shipment or the requesting of shipping instructions, cite the contact communications number in the 2/PER/400 segment.</i></p>	
		AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)	

			AK	From Date Of Latest Delivery To Final Delivery
			AM	From Date Of Previous Delivery To Date Of SubsequentDelivery
			AV	From Date of Award to Date of Latest Delivery
			AW	From Date of Award to Date of Earliest Delivery
			AX	From Date of Award to Date of Completion
				<i>Use to indicate the completion date, e.g., for a level of effort.</i>
			AY	From Date of Award to Date of Delivery
			AZ	From Date of Receipt of Item to Date of Approval of Item
Must Use	LDT02	380	Quantity	M R 1/15
				Numeric value of quantity
Must Use	LDT03	344	Unit of Time Period or Interval	M ID 2/2
				Code indicating the time period or interval
			CY	Calendar Year
			DA	Calendar Days
			KK	Maximum Calendar Days
				<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>
			MO	Month
			QY	Quarter of a Year
			SA	Semiannual
			WK	Weeks
	LDT04	373	Date	O DT 6/6
				Date (YYMMDD)
				<i>Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.</i>

Segment:	MAN Marks and Numbers		
Position:	464		
Loop:	LDT Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To indicate identifying marks and numbers for shipping containers		
Syntax Notes:	<p>1 If either MAN04 or MAN05 is present, then the other is required.</p> <p>2 If MAN06 is present, then MAN05 is required.</p>		
Semantic Notes:	<p>1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.</p> <p>2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.</p> <p>3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.</p>		
Comments:	<p>1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.</p> <p>2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.</p>		
Notes:	<p>1. Use this segment to identify marks and numbers associated with a ship-to addressee.</p> <p>2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.</p>		

Data Element Summary					
	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MAN01	88		Marks and Numbers Qualifier	M ID 1/2
				Code specifying the application or source of Marks and Numbers (87)	
			L	Line Item Only	
Must Use	MAN02	87		Marks and Numbers	M AN 1/45
				Marks and numbers used to identify a shipment or parts of a shipment	
	MAN03	87		Marks and Numbers	O AN 1/45
				Marks and numbers used to identify a shipment or parts of a shipment	
	MAN04	88		Marks and Numbers Qualifier	X ID 1/2
				Code specifying the application or source of Marks and Numbers (87)	
			L	Line Item Only	
	MAN05	87		Marks and Numbers	X AN 1/45
				Marks and numbers used to identify a shipment or parts of a shipment	
	MAN06	87		Marks and Numbers	O AN 1/45
				Marks and numbers used to identify a shipment or parts of a shipment	

Segment: **QTY** Quantity
Position: 466
Loop: LDT Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify quantity information

Syntax Notes:**Semantic Notes:****Comments:****Notes:**

1. Use this segment to specify the quantity of an item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.
2. Use also, to indicate the length of the delivery period, e.g., 4 quarters or the number of shipments.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673		Quantity Qualifier	M ID 2/2
				Code specifying the type of quantity	
		1J		Due	
				The amount due to the customer	
				<i>Use to indicate the quantity to be delivered.</i>	
		1K		Time Units	
				The number of time units such as 8 (hours)	
				<i>Use to indicate the length of the delivery period.</i>	
		52		Number of Originals	
				<i>Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		K6		Drafts	
				<i>Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		KF		Duplicates	
				<i>Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements list that are to be delivered.</i>	
		SA		Shipments	
				<i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>	
Must Use	QTY02	380		Quantity	M R 1/15
				Numeric value of quantity	
				<i>1. When QTY01 is code 1J, cite the quantity to be delivered.</i>	
				<i>2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.</i>	
	QTY03	355		Unit or Basis for Measurement Code	O ID 2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
				<i>1. Use any code other than code ZZ.</i>	

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

DA Days

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

MO Months

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

WK Week

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

YR Years

When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: MSG Message Text

Position: 468

Loop: LDT Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes:

Semantic Notes:

Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Notes: *When LDT01 is code AI, use to identify the specified event.*

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

REF Reference Numbers

Segment: REF Reference Numbers
Position: 469
Loop: LDT Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To specify identifying numbers.
Syntax Notes:
Semantic Notes:
Comments:
Notes: 1 At least one of REF02 or REF03 is required.

Use this segment to identify reference numbers applicable to a delivery, e.g., a requisition number, an ACRN, a GBL, etc.

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes	
	REF01	128	Reference Number Qualifier	M	ID 2/2
			Code qualifying the Reference Number.		
		10	Account Managers Code		
			Identifies the telecommunications manager assigned to this account		
			<i>Use to indicate an accounting code.</i>		
		1Z	Financial Detail Code		
		AT	Appropriation Number		
			<i>When used, cite the number in REF03.</i>		
		AX	Government Accounting Class Reference Number (ACRN)		
		BL	Government Bill of Lading		
		FU	Fund Code		
			Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund		
		IL	Internal Order Number		
			<i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>		
		P4	Project Code		
		TG	Transportation Control Number (TCN)		
		TH	Transportation Account Code (TAC)		
	REF02	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			<i>When REF01 is code AT, use to identify the appropriation number.</i>		

Segment:	AMT Monetary Amount	
Position:	600	
Loop:	AMT	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To indicate the total monetary amount	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	<p>1. This segment can be used to specify the amount associated with the ACRN (REF01 is code AX), to specify the total funds obligated against the line item cited in PO101 (the total of all amounts associated with an ACRN), and to specify amounts associated with an award fee, incentive, fixed-fee, or cost sharing line items.</p> <p>2. The following table identifies how each code listed in AMT01, other than codes 1, 29, KC, and KD, is to be used depending on the code cited in CN101.</p>	
COST, FEE, AND PRICE EXPRESSION TABLE		
CN101 Code	AMT01 Code	AMT01 Code Use
<i>CA/CB</i>	33	<i>Target Cost</i>
<i>CA/CB</i>	32	<i>Target Fee</i>
<i>CA/CB</i>	K5	<i>Minimum Fee</i>
<i>CA/CB</i>	K6	<i>Maximum Fee</i>
<i>CH</i>	KO	<i>Contractor Firm Share</i>
<i>CH</i>	70	<i>Estimated Government Share</i>
<i>CS</i>	NA	<i>Use the 3/AMT/020 segment, code TT</i>
<i>CW/CX</i>	33	<i>Cost</i>
<i>CW</i>	FE	<i>Base Fee</i>
<i>CW</i>	E9	<i>Award Fee</i>
<i>CX</i>	E9	<i>Fixed Fee</i>
<i>FB/FC</i>	33	<i>Target Cost</i>
<i>FB/FC</i>	32	<i>Target Profit</i>
<i>FB/FC</i>	30	<i>Price Ceiling</i>
<i>FD</i>	NA	<i>For fixed-price contracts with prospective price redetermination, use the 3/AMT/020 segment, code 29 for contract total amount; and use the 2/AMT/600 segment code 1 when CN101 is code FR for Firm Fixed Price Items, and code 29 when CN101 is code FD for redeterminable items without a ceiling price or code 30 for redeterminable items with a ceiling price.</i>
<i>ZZ</i>	NA	<i>For fixed-price contracts with retroactive price redetermination, use the 3/AMT/020 segment, code 30 for contract ceiling price; and use the 2/AMT/600 segment code 30 when CN101 is code ZZ for fixed ceiling price if items subject to differing contract type are present in the same contract.</i>
<i>FF/FG</i>	ZQ	<i>Initial Target Cost</i>
<i>FF/FG</i>	K4	<i>Initial Target Profit</i>
<i>FF/FG</i>	K6	<i>Target Profit Ceiling</i>
<i>FF/FG</i>	K5	<i>Target Profit Floor</i>
<i>FF/FG</i>	30	<i>Ceiling Price</i>
<i>FH</i>	33	<i>Fixed Price</i>
<i>FH</i>	FE	<i>Base Fee</i>
<i>FH</i>	E9	<i>Award Fee</i>

FJ/FX/LH/TM NA *Use the 2/AMT/600 segment, code 1 for fixed price line items; and the 3/AMT/020 segment, code TT for contract total amount.*

FK NA *No cost or price information required*

Data Element Summary

Ref.	Data	Element	Name	Attributes
Must Use	Des.	AMT01	522	
			Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			<i>1. For the correct use of the following codes in various fee and profit arrangements by type of contract, see the table above.</i>	
			<i>2. Codes 1, 29, KC, and KD, are to be used in accordance with the notes or definition associated with each code.</i>	
		1	Line Item Total	
			<i>Use to indicate the line item total amount.</i>	
		29	Estimated Price	
			The latest revised estimate of the total cost at complete for a contract	
		30	Contract Ceiling	
			The ceiling price applicable to defined effort	
		32	Target Fee or Profit Amount	
			The fee (can also be percent) of profit that will apply to defined contract effort	
		33	Original Contract Target Cost	
			Value of the original negotiated contract	
		70	Open Commitments	
			Value of supplies or other items committed to for payment (such as on delivery of products)	
		E9	Initial Fee	
			Beginning charge before any reductions	
		FE	Fee	
		K4	Initial Target Fee	
		K5	Minimum Fee	
		K6	Maximum Fee	
		KC	Obligated	
			An amount a party has an obligation to pay upon a successful performance by another party, (e.g.,funds obligated on a contract)	
			<i>Use in conjunction with the 2/REF/610 segment to indicate the obligated funds associated with an accounting code.</i>	
		KD	Undefinitized	
			An indicator that the amount has not yet been established but will be established at a future date	
			<i>Use to indicate an undefinitized amount.</i>	
		KO	Committed Amount	
		ZQ	Initial Target Cost	
Must Use	AMT02	782	Monetary Amount	M R 1/15
			Monetary amount	
Not Used	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	

Segment:	REF Reference Numbers	
Position:	610	
Loop:	AMT	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify identifying numbers.	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		
Notes:		

Use this segment to identify reference numbers applicable to an amount cited in AMT02, e.g., an ACRN, fund code, accounting code, appropriation number, etc.

Data Element Summary			
Must Use	Ref.	Data	Attributes
	Des.	Element	Name
	REF01	128	Reference Number Qualifier
			Code qualifying the Reference Number.
		10	Account Managers Code
			Identifies the telecommunications manager assigned to this account
			<i>Use to indicate an accounting code.</i>
		1Z	Financial Detail Code
		AT	Appropriation Number
			<i>When used, cite the number in REF03.</i>
		AX	Government Accounting Class Reference Number (ACRN)
		FU	Fund Code
			Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
		P4	Project Code
		TH	Transportation Account Code (TAC)
	REF02	127	Reference Number
			X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.
	REF03	352	Description
			X AN 1/80
			A free-form description to clarify the related data elements and their content
			<i>When REF01 is code AT, use to identify the appropriation number.</i>

Segment: **LM** Code Source Information
Position: 620
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments:

Notes:

1 LM02 identifies the applicable industry code list source information.

Use this loop to provide data that cannot be provided by other means within this transaction set, e.g., field contract administration office data.

Data Element Summary

Must Use	Ref.	Des.	Data	Attributes	
				Element	Name
	LM01		559 Agency Qualifier Code	M	ID 2/2
	LM02		822 Source Subqualifier	O	AN 1/15

Code identifying the agency assigning the code values

Use any code other than code ZZ. Use code DF to indicate the Department of Defense in preference to code DD.

Refer to 003050 Data Element Dictionary for acceptable code values.

A reference that indicates the table or text maintained by the Source Qualifier

When LQ01 is code ZZ, identify the code list that contains the code cited in LQ02.

Segment: **LQ** Industry Code
Position: 630
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>				
LQ01	1270		Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
	6		Special Contract Provision Code	
			Certain contract clauses and provisions that require special attention	
			<i>Use to indicate special clauses that apply to the line item.</i>	
	7		Quality Assurance Site Code	
			The site at which quality assurance is performed	
			<i>Use to indicate the inspection point.</i>	
	9		Indicator Code	
			A specific condition applies to the contract	
			<i>Use to indicate specific conditions that apply to the line item.</i>	
	A9		Supplementary Address	
			Identifies the originating organization's unique logistics information	
	ZZ		Mutually Defined	
			<i>Use to indicate that a code list is identified in LM02.</i>	
LQ02	1271		Industry Code	X AN 1/20
			Code indicating a code from a specific industry code list	
			<i>1. Use to cite a code from the code list identified by the qualifier in LQ01.</i>	
			<i>2. When LQ01 is code ZZ, use to cite a code from the code list identified in LM02.</i>	

Segment:	CTT Transaction Totals	
Position:	010	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit a hash total for a specific element in the transaction set	
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required. 2 If either CTT05 or CTT06 is present, then the other is required.	
Semantic Notes:		
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.	

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u>	<u>Attributes</u>
		<u>Element</u> <u>Name</u>	
Must Use	CTT01	354 Number of Line Items Total number of line items in the transaction set <i>Use to identify the total number of PO1 segments contained in this transaction set.</i>	M N0 1/6
	CTT02	347 Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	O R 1/10
		Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. <i>Use to identify the sum of the quantities (PO102) for all PO1 segments.</i>	
Not Used	CTT03	81 Weight Numeric value of weight	X R 1/10
Not Used	CTT04	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT05	183 Volume Value of volumetric measure	X R 1/8
Not Used	CTT06	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT07	352 Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **AMT** Monetary Amount
Position: 020
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use this segment to specify the total value of the award instrument.*

Data Element Summary					
	Ref. Des.	Data Element	Name		Attributes
Must Use	AMT01	522	Amount Qualifier Code		M ID 1/2
			Code to qualify amount		
		29	Estimated Price		
			The latest revised estimate of the total cost at complete for a contract		
			<i>Use to indicate the total award instrument price is an estimate.</i>		
		30	Contract Ceiling		
			The ceiling price applicable to defined effort		
			<i>Use to indicate the contract ceiling price for fixed-price contracts with retroactive price redetermination.</i>		
		KD	Undefinitized		
			An indicator that the amount has not yet been established but will be established at a future date		
			<i>Use to indicate an undefinitized amount.</i>		
		TT	Total Transaction Amount		
			<i>Use to indicate the total value of the award instrument when it is not an estimate.</i>		
		TY	Total at Complete		
			<i>Use to indicate the total value of the award instrument when it is incrementally funded. For grants, include the total amount committed for the entire project period.</i>		
Must Use	AMT02	782	Monetary Amount		M R 1/15
			Monetary amount		
Not Used	AMT03	478	Credit/Debit Flag Code		O ID 1/1
			Code indicating whether amount is a credit or debit		

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

Comments:

1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u>	<u>Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	SE01		96	Number of Included Segments	M	N0 1/10
				Total number of segments included in a transaction set including ST and SE segments		
Must Use	SE02		329	Transaction Set Control Number	M	AN 4/9
				Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
				<i>Enter the same number as the one carried in ST02.</i>		

NIST Technical Publications

Periodical

Journal of Research of the National Institute of Standards and Technology—Reports NIST research and development in those disciplines of the physical and engineering sciences in which the Institute is active. These include physics, chemistry, engineering, mathematics, and computer sciences. Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Institute's technical and scientific programs. Issued six times a year.

Nonperiodicals

Monographs—Major contributions to the technical literature on various subjects related to the Institute's scientific and technical activities.

Handbooks—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

Special Publications—Include proceedings of conferences sponsored by NIST, NIST annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

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